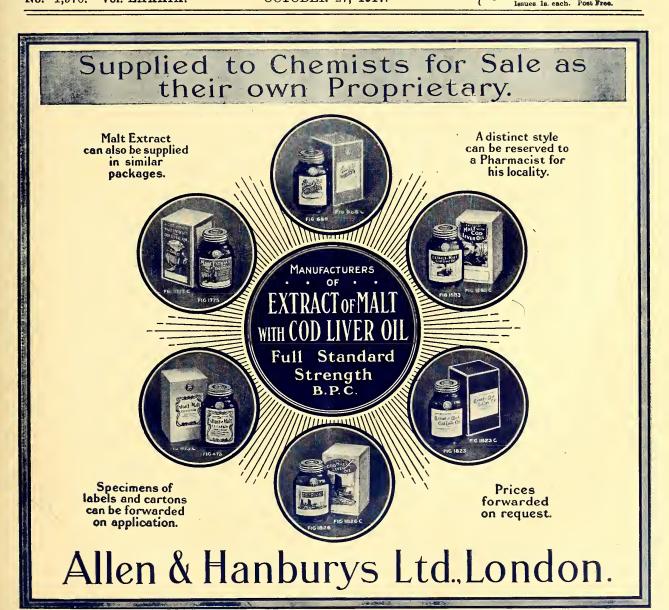


No. 1,970. Vol. LXXXIX.

OCTOBER 27, 1917.

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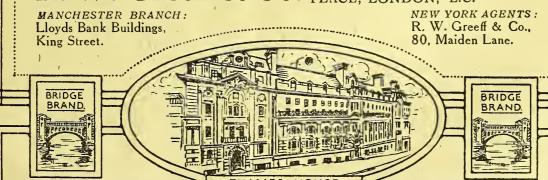
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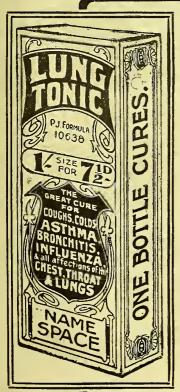
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Manufacturing Chemists, THE BRIDGE STREET, DERBY.

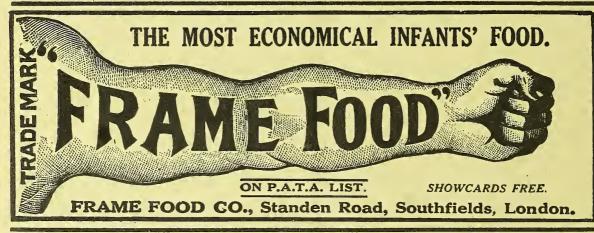
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In consequence of questions recently raised in certain districts in reference to the sale of ROBINSON'S GROATS and the effect of the Food Controller's orders on such sale, the Proprietors have pleasure in informing the trade that sale is authorised by Licence, subject to consumption being restricted as far as practicable to Invalids and Children, and to the retail price not exceeding 1/- per lb. tin, 6d. per ½-lb. tin or packet, 3d. per ¼-lb. packet.

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Experience has shown this preparation to possess the same efficacy as Santal Oil itself. It mixes clear with water, and has a taste by no means disagreeable."

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8. 66 ... ... 24/
4. 18 ... ... 42/-

Introduced and prepared only by

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Price 11/- per lb. Packed for dispensing only, in 10, 22, 40 and 90 oz bottles.

"Obviously likely to be of much advantage in the frequent cases of irritative dyspepsia, with atony of gastric or intestinal muscular layers."

British Medical Journal.



C. J. HEWLETT & SON, Ld., Wholesale Druggists, 35-42 Charlotte St., LONDON, E.C. 2.



# An Unfounded Rumour - and Our Reply.

SINCE the days when many good people saw "the Russians passing through England," unfounded rumours have been numerous enough. They are not confined to the war; one frequently meets with them in business circles, too.

Thus, our travellers report that they have been asked recently whether it is true that a certain "multiple shop" firm are shareholders in Genatosan, Ltd.

We therefore beg to state that it is emphatically not true; that no person or persons engaged in the business of retail chemists hold any interests whatever in this firm; furthermore, that the only shareholders are the present and former chairman of the company, the board of directors, and certain members of the staff.

Verification of this statement can, of course, be obtained by consulting the usual records at Somerset House.

## **About Showcards**

In view of the recent appeal made by the Council of the P.A.T.A. we have decided to issue no more strawboard showcards, and to economise as much as possible with those already printed.

For this reason we are not advertising our new showcards for broadcast distribution, but any pharmacist interested in them should ask our travellers for particulars.

We wish, however, to make it clear that our present stocks are sufficient to guarantee an adequate supply of special window-shows throughout the autumn and winter.

GENATOSAN Ltd. (British Purchasers of the Sanatogen Co.)
(Chairman: Lady Mackworth.)

12 CHENIES STREET, LONDON, W.C. 1.

NOTE: Sanatogen will later on be re-named Genatosan—genuine Sanatogen—to distinguish it from inferior substitutes.

# SANATOGEN

ALL BRITISH

# With 100 per cent. Profit

Not a substitute for the German article but an improvement on it. The ALL-BRITISH ADVANCE on Wulfing's expired patent, supplied under the "All-British" label or with buyer's own name.

The name "Sanatogen" has now been dedicated to the public, and no human being or Company can acquire a monopoly in it.

I offer a very fine British-made product, fully equal to the original in all respects and more palatable, ready packed and labelled to sell at 100 per cent. profit on the cost.



Prices per dozen ... 2/9 size 16/6 doz.
,, ,, ... 5/- ,, 30/- ,,
Carriage paid, Net Cash on receipt. Your own name on half-gross parcels, or with the attractive "ALL-BRITISH" Label, in any quantity.

JOHN LORIMER

Proprietor of The A.-B. SANATOGEN, 119 Finsbury Pavement, LONDON, E.C. 3 challenge the Purchasers of the German Stock to prove their claims to having—

(1) Any exclusive rights in Sanatogen;

(2) A more genuine article;

(3) One in any way superior to the "A.-B.Sanatogen."

# BRAND'S ESSENCES of BEEF, MUTTON and CHICKEN

possess great nutritive and restorative powers, being immediately digested and absorbed by the stomach. Although effective stimulants in physical and mental exhaustion, they contain no wine or other deleterious admixture.

BRAND & Co., Ltd., MAYFAIR WORKS, VAUXHALL, LONDON, S.W.

# Do You Sell Sister Lauras Food?



The question is often asked nowadays.

The Chemist who does not stock Sister
Lauras Food is missing a good line.

Sister Lauras Food is achieving great success as a preparation for weakly babes and for invalids and the aged.

It makes milk digestible and is invaluable in cases of malnutrition.

It is a thoroughly reliable line and one that brings a handsome return.

Price 1/- & 2/6 per tin. Samples and advertising matter free on application.

SISTER LAURAS INFANT FOOD CO., Ltd., 156 Vincent Street, GLASGOW.

# SAPONINE

(SOLUBLE),
MANUFACTURED BY

C. W. FIELD, LTD.,

Cambrian Mills, LIVERPOOL.

Special Terms to Wholesalers and large Consumers.

On the P.A.T.A. List.

BENGER'S PREPARATIONS. Pepsin Pills. Peptonised Beef Jelly. Peptonised Chicken

Jelly.
Pancreatised Lentil
Flour.
Essence of Rennet.
Liquor Thyroidin, &c.



On the P.A.T.A. List.
BENGER'S
PREPARATIONS.

Benger's Food.
Liq. Pancreaticus.
Liq. Pepticus.
Peptone Suppositories.
Peptonising Powders.
Ext. of Red Marrow.

GOLD MEDAL AWARDED, HEALTH EXHIBITION, LONDON, ADELAIDE and MELBOURNE.

In consequence of the continued serious advance in the cost of production, Messrs. Benger's Food, Ltd., regret to announce that

on and after MONDAY, 29th OCTOBER, 1917,

the MINIMUM RETAIL PRICES of BENGER'S FOOD must be increased to 1/3, 1/9, 3/-, 6/- & 12/- per Tin.

Trade Prices and Terms will be adjusted accordingly.

The Prices of all other "Benger" Preparations will also be increased; details of the new prices will be furnished on application.

Messrs. Benger's Food, Ltd., wish to express to the Trade their regret that there should have been delay in the execution of many orders. This has been caused by the shortage in supply of material for production. It is hoped that this interruption may be of temporary character only, and may soon be remedied now.

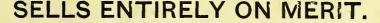
Benger's Preparations have the unqualified recommendation of the Medical Profession throughout the world,

Of all Wholesale Houses and Shippers or from the Sole Manufacturers:

BENGER'S FOOD, LTD. OTTER WORKS, — MANCHESTER, ENGLAND.

# HOOKER'S MALTED MILK

"A complete food." - Lancet.



There is no Higher Quality or Better Value

# BRITISH MADE & BRITISH OWNED

DEMAND RAPIDLY INCREASING.

LARGE PROFITS TO SELLERS.

PRICES AND TERMS FROM

THEW, HOOKER & GILBEY, LTD., BUCKINGHAM.

2





# BISHOP'S NATURAL FRUIT SALINE

THIS preparation, our latest Saline, made by our Special Process without SUGAR or SACCHARINE, is an unique Saline. It is strongly effervescent and delightfully palatable, making a bright, refreshing draught, which acts as a mild but very thorough aperient, antacid and liver stimulant.

BISHOP'S NATURAL FRUIT SALINE is taken regularly with pleasure and safety by men, women and children all the year round. This steady demand makes it a profitable winter line.

The Wholesale Price is 15/- per doz. Discount 10%, and carriage paid on £5 lots. The P.A.T.A. Retail Price is 1/9 per bottle.

This ensures a profit of  $7\frac{1}{2}d$  a bottle to the Chemist.

In 8-oz. P. S. Bottles with striking Litho. Cover.

PREPARED ONLY BY

# ALFRED BISHOP, Limited

48 SPELMAN STREET, LONDON, E. 1.



NUMBER 315.

OCTOBER 27, 1917

**ACID** ALKALI

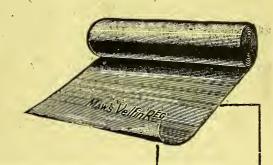
URINE

BLOOD

PROOF

ETHER.

# Vel-fin' Rubber Sheeting



A WONDERFUL new series of Waterproof Sheetings, each one of which is a standard article in itself. They will not discolour, harden or crack, and they can be sterilized in boiling water, or cleansed by using soap and warm water.

EACH yard of these Sheetings is guaranteed, and bears our registered trade mark, "VEL-FIN," indelibly stamped on the selvedge.

THE surfaces are superbly finished, and the range of prices and high quality make this series one of the most useful and dependable ever produced. Materials are in every case the best, and the whole production entirely British.

SAMPLE cards showing single-faced drab, double-faced drab, or red series and prices free on application. Kindly state which style is likely to interest.

ASK FOR SAMPLES ON YOUR: NEXT: ORDER.

HOURS OF BUSINESS: 8.30 a.m. -5.30 p.m.

CLOSE AT 1 p.m. SATURDAYS.

A la Reine des Fleurs

# Parfumerie L.T. Piver

10 Boulevard de Strasbourg PARIS.

An assortment of PIVER'S PERFUMERY is always a sound investment for the Chemist. Profit  $33\frac{1}{3}\%$  P.A.T.A. protected. Do not delay, but order now:—

Trèsse Incarnat, Pompéia, Floramye, Muguet, Azuréa, Violette, Safranor, Vivitz, Espéris, Aventurine, Nardo, Chandor, Lariette, Vélivole, Astris & Oréade. Violette Ducale.

PRICE LIST AND London Dépôt, 9/10 Edward St., Soho, W.1. TELEPHONE: 9028 CENTRAL.

# Recommend it for Convalescence



Doctors prescribe Turtle Soup in all cases where the patient cannot retain any other nutriment.

# FREEMANS CAL TURTLE EXTRACT

is the real meat of selected West Indian Turtles, compressed into handy tablets; it provides all the delicacy and nourishment of soup made from fresh killed turtles, and is quickly prepared as it requires nothing but boiling water.

For hospitals, nursing and convalescent homes it can be strongly recommended as the best, safest and

handiest invigorator obtainable.

The trade terms are particularly favourable, and particulars can be obtained by writing to

The Watford Mfg. Co. Ltd.

JANUS Waford

# To pull in the Business A strong original display is essential. Haskins' Oak Pedestals and Glass Shelves

will enable you to produce a really novel and business - bringing windowdressing with a minimum of trouble and expense. A surprising number of different arrangements can be made with great rapidity.

Write to-day for our latest Leaflet, sent post free.



Saml. HASKINS & Bros. Limited.

: 20-34 OLD STREET, LONDON, E.C. 1. ::





On the List of Government Contractors, The Crown Agents for the Colonies, etc.

Telephone No.: 1831 Hop.

TRADE MARKS.
Telegraphic Address:
"EKLIPS LONDON."
ABC Code, 5th Ed.

Medals and Awards:

LONDON, 1881. VIENNA, 1883. CALCUTTA, 1884. CHICAGO, 1893.

## SYNTHETIC OTTOS

"Zinyl" Brand (Regd.)

### TRUE SYNTHETIC PRODUCTS.

HEN the aniline colours were introduced, some fifty years ago, widespread interest was aroused and surprise expressed that from so unpromising a source as coaltar such varied and exquisite shades of colour could be formed. Germany was quick to grasp the possibilities, and incidentally the vigorous prosecution of this industry gave an enormous incentive to her manufacture of fine chemicals.

**C.** The fact that such delightful odours can be produced from equally unlikely sources is not yet fully grasped, but it is now nearly six years since our Synthetic Ottos, "Zinyl" Brand, were introduced, and during that time the whole of the trade journals have written in very eulogistic terms of them.

**(I,** To Buyers who have not hitherto bought these Synthetic Ottos their use will come as a revelation, and as in most instances the Ottos are actually stronger than the essential oils they are intended wholly or partially to replace, they are most economical in use, while their similarity to the actual flowers is surprising.

 $\P$ , The Synthetic Otto of Neroli, "Zinyl" Brand, for instance, used in the proportion of  $\frac{3}{4}$  oz. to the gallon of Spirit, gives an excellent basis for Eau de Cologne, and we suggest a reference to "Pharmaceutical Formulas" for many admirable forms.

**C.** The price of this Otto is, to-day, 8/6 oz., against the present cost of fine Oil of Neroli about 21/- oz., and 5 drachms of the Synthetic Otto are equal to one ounce of the natural oil.

### H. E. STEVENSON & CO.

Manufacturing Chemists and Wholesale Druggists,

122 GREAT SUFFOLK STREET, LONDON, S.E.1.

OVER 100 % PROFIT ENSURED & PROTECTED (P.A.T.A.)

for sellers of

# Laurence's Hair Dyes

One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

C:	251			Minimum v	ghologolo
Size.	MIID.	imum ret	B611.		1101020191
1/	•••	1/-		7/6	per doz.
1/6		1/6		9/- [	per doz, less 5 %
2/6	•••	2/3	***	15/-	discount
3/6	•••	3/3	***	21/- /	

### SPECIAL BONUS.

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).

Do. 6 doz. do. 8 bottles gratis.
Do. 12 doz. do. 18 bottles gratis.
Equivalent in the case of the size in most general demand, viz. 1/6 size to 4/6, 12/- and 27/- respectively.

SOLE PROPRIETORS-

C. R. HARKER, STAGG & MORGAN,
DEVON WHARF.

Emmott Street, Mile End, London, E. 1.

SCHAUSS B'COLOGNE

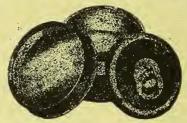
## Poudre-Grasse Solide

The ideal compact face powder and puff for everyday use everywhere.

DELICATELY PERFUMED

Natural tints for all seasons and climes.

The
FASHIONABLE
LINE OF
TO-DAY.



SAMPLE FREE ON REQUEST.

PRODUCED IN LONDON BY-

Grant et Cie, Perfumers
Black Bull Works, LONDON, N. 7.

# SECURE AN AGENCY AT ONCE FOR

THE EMPIRE

# Eau de Cologne

It makes permanent customers wherever introduced by reason of its superior and refreshing fragrance.

### Present Wholesale Prices:

I OZ.	 	7/9 per doz.	8 oz	46/6	per doz.
2 OZ.	 •••	14/- ,,	$\frac{1}{2}$ -pt. wicker (reputed)	45/-	"
*4 OZ.	 •••	<b>24</b> / <b>9</b> ,,	1-pt. wicker ,,	<b>75</b> /–	,,
	1-at 32	cker (reputed)	120/6		

The 4-oz, size can be supplied in attractive presentation outer containing 3 bottles at 1/- per dozen extra.

We also make a cheaper quality under the "Flag" Label.
Please ask for samples of both.

THE EMPIRE PERFUMERY, CO.

("unson, Gerrard & Co., Ltd., Proprietors), OL' BURY.

SHIPPERS & EXPORTERS SUPPLIED in BOND

### ENTIRELY BRITISH

# ALL-GLASS SPRAYS and CLOUDIZERS

Manufactured by R. J. REUTER,

MANUFACTURER OF AND DEALER IN CHEMISTS' SUNDRIES.

69 CARTER LANE, E.C. 4.



### "THE DELTA" (All-Glass)

(PATENT APPLIED FOR).

### For Light Oils or Aqueous Solutions

To be used where a continuous direct spray is indicated.

36/- DOZEN.

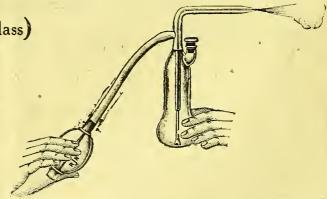


Regd. No. 661202 (PATENT APPLIED FOR).

Specially designed for use with small quantities of either Oily or Aqueous Solutions.

Its construction enables the last drop to be vaporised, therefore the most economical for expensive solutions.

36/- DOZEN.



The "DELTA" and "PARVO" SPRAYS are so constructed that THEY CAN BE CARRIED IN ANY POSITION WITHOUT LEAKAGE, either through the Throat Tube or into the bellows.

THEY ARE THE ONLY SPRAYS where the discharge tube is fixed to the base of the Spray. This greatly adds to their strength and enables the last drop to be vapourised.

### ADDITIONAL LINES ALWAYS IN STOCK.

36/-

# SAM! LAMBERT & CO.,

14 MINCING LANE, LONDON, E.C.

Importers and Exporters.

First hands for all

Estd. 1870.

# CRUDE DRUGS &

A few Specialities:-

ESSENTIAL OILS.

ARABIC GUMS, CASCARA SAGRADA, ERGOT, CITRIC ACID, COD LIVER OIL, CREAM OF TARTAR, GLYCERIN, HONEYS, MESSINA ESSENCES, OLIVE OIL, PEPPERMINT OIL, QUININE, QUICK-SILVER, RHUBARB, SARSAPARILLA, SHELLAC, TURPENTINE.

Sole Agents for ;

Oils: Lemon, Bergamot, Orange; Terpeneless Oils: Lemon, Bergamot, Orange.—Fratelli de Pasquale & Co., Messina. Bay Rum and Bay Oil.—Bornn, St. Thomas.
Essential Oils, Drugs, Chemicals, &c.—National Aniline & Chemical Co., New York.

# "LESCOL" FLORAL PERFUMES

### NOTICE!

We strongly advise Chemists before purchasing their Christmas lines to send us particulars of their requirements, and complete Price List will be sent, or one of our representatives will call with full set of samples when in their vicinity.

We are holding a large stock at remunerative prices

LESCOL PERFUMERY CO., 1

Lomond Grove, Camberwell Green, LONDON, S.E. 5.

Telephone: 810 HOP.

(Proprietors: The London Essence Co.)

Telegrams: "VANILLIN, CAMBER, LONDON."

# LABORATORY OF GENERAL PHARMACOLOGY,

8, Rue Vivienne, Paris.

LONDON AGENTS: .WILCOX, JOZEAU & Co., 49, Haymarket, S.W.



CHAPOTEAUT'S CAPSULES of

# PHOSPHOGLYCERATE of LIME.

THE BEST TONIC FOR FORTIFYING AND BUILDING UP THE NERVOUS SYSTEM.

Sold by all Chemists, Whelecalet S, Rue Vivienne. PARIS.

## MORREUOL CHAPOTEAUT



### CAPSULES

MORRHUOL DE CHAPOTEAUT is extracted from cod-liver oil, and contains all its efficacious properties without the disagreeable taste.

It ourse Coughs, Bronchitis and Caterrh, restores the appetits, and gives force to feeble persons.

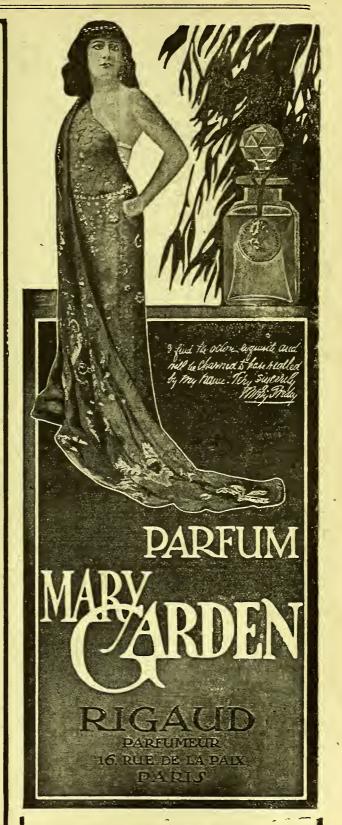
SOLD BY ALL DRUGGISTS.

# CHANDRON'S DROPS

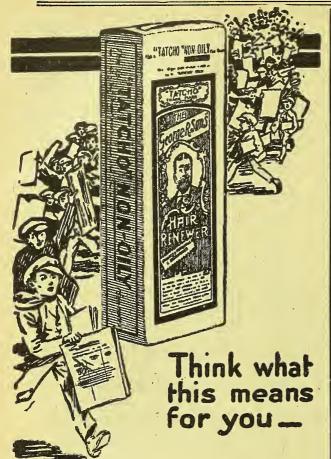
(Gouttes des Colonies)

A harmless antiseptic preventative against CHOLERA PERMENTATION - INDIGESTION Cother intestinal disturbances.

SOLD BY ALL CHEMISTS



HEPPELL & CO., 164, Piccadilly, W.



the leading papers throughout the Kingdom are urging the Public to go to you for

# TATCHO

As expected, the demand for Tatcho goes up by leaps and bounds.

It needed but an impressive reminder to recall to the British public the long-known and well-tried virtues of Mr. Geo. R. Sims' Hair Renewer, and

# THE SPECIAL OFFER OF A 4/6 BOTTLE FOR 2/9

(allowing you a bigger profit than ever) is meeting with an instant response throughout the country.

Are you well-stocked? And are you backing up the big Press campaign with a timely display of Tatcho?

Write to-day for terms to

GEO. R. SIMS HAIR RESTORER CO., 5, Great Queen St., Kingsway, London, W.C.2.

## LUCE'S Jersey EAU de COLOGNE

### ADVANCE in PRICES

	New Retail Prices.	New Trade Prices
No. 27.—1 oz		8/- per doz.
., 1.—2 oz	1/9	15/6 ;,
,, 3.—4 oz	3/3	30/- "
" 5a.—8 oz	6/6	
$\frac{17\frac{1}{2}}{\text{-pt. wk.}}$	4/9	45/- ,,
" 18.—1 pt	8/9	84/- ,,

We shall continue our Window Show Terms on £5 orders (your own assortment) and upwards, thus assuring 50 per cent. profit on cost and  $33\frac{1}{3}$  per cent. on returns.

Send Orders to-

### J. C. GAMBLES & CO.

Sole Distributing Agents,

46 FARRINGDON STREET, LONDON, E.C. 4

### TINFOIL PURE TIN (Free from Lead).

All Thicknesses, Sizes, Shapes, and Designs for the Wrapping of

DRUGS, CHEMICALS, PLASTERS, BANDAGES, AND SANITARY APPLIANCES, BOTTLING FOILS.

SHAVING SOAPS FOILS

(Designed and Perforated).

TOILET SOAPS FOILS, AND FOILS FOR COMPRESSED TABLETS OF FOODSTUFFS, DRUGS, PILLS, LOZENGES, &c.

CHOCOLATE (Embossed or Printed).

Also in REELS for WRAPPING MACHINES
and

LEAD & COMPOSITION FOILS for special Chemical Wrapping.

### H. ERHARDT & CO. Ltd.

9 & 10 Bond Court, Walbrook, 6 LONDON, E.C.

Setablished 1876. Telephones 383 and 384 City.
Telegrams: "ERHARDT LONDON."

# STOVAINE

THE LEAST TOXIC OF LOCAL ANÆSTHETICS USED IN THE SAME WAY AND AS EFFICACIOUS AS COCAINE

Does not create a habit and does not give rise to headaches, nausea, vertigo or syncope. :: Literature on demand.

NO HOME OFFICE LICENSE REQUIRED

Cheaper than Novocain and Benzocain and obtainable promptly in practically unlimited quantities from the manufacturers:

LES ETABLISSEMENTS POULENC FRERES

= 92, RUE VIEILLE DU TEMPLE, PARIS. =

Tele - AMCONCO, FLEET, LONDON."
NEW YORK -PARIS - MILAN Established 1898 THE AMERICAN COMMERCE CO. LTD MANUFACTURERS AND MERCHANTS

CAN OFFER

Commercial

BENZOICACID

All on Spot.

HYDROQUINONE SALICYLIC ACID

Forward Delivery,

"SOWALT BRAND" SUGAR OF MILK. CASEIN. MILK POWDER. LIQUID WHOLE EGG.

NALBOROUGH & SONS, LTD. HARWICH, ESSEX.

ORIGINALLY ESTABLISHED 1829.

SIMPLICITY -both in use and in effect—is the great merit of

BOTTLE CAPS.

They Fix themselves, and when finished are SIMPLE yet ARTISTIC in appearance.

THE VISCOSE Development Co., Limited, BROMLEY, KENT.





will be asked this Christmas for the famous

# ONE DROP

## **Perfumes**

"One Drop" Perfumes are in constant demand on account of their delicate, refreshing, dainty and lasting fragrance. The elegant non-leaking bottle, with handsome glass stopper fitted with rod, enhances the value of these charming perfumes. Numerous varieties, all faithful to the flowers they represent, can be obtained from stock. Their well-deserved popularity is beyond dispute, and hundreds of Chemists have proved the wisdom of keeping a useful stock.

10/- per doz. net.

Retails at 1/6 each.

Sample sent upon application.

### VARIETIES:

Acacia Bergamot Cassie Eau de Cologne Forget-me-not Frangipanne Hawthorn Heliotrope Honeysuckle Iasmin Lilac Lily of the Valley Mignonette Moss Roses Musk Narcissus New Mown Hay Opoponax



Attractive Showcards supplied free.

### VARIETIES:

Orange Blossom Orris Patchouli Primrose Rose Sweet Pea Tea Rose Vanilla Violet Wallflower White Heliotrope White Lilac White Lily White Orris Wild Hyacinth Wild Roses Wild Violets Wood Violet Ylang Ylang

### B.W. HAIR & SON

Manufacturing Chemists & Wholesale Druggists, Druggists Sundriesmen & c., 104, HIGH HOLBORN, LONDON.W.C.I.

# A Beautiful "Entente" Adherent to "Harlene Hair Drill"

In these War times it is indeed a pleasure to reproduce the photo of one of the many thousands of Entente adherents to "Harlene Hair Drill." Not only throughout the British Empire, but in all our Allied countries "Harlene Hair Drill" has always been extremely popular, and the products of Edwards' Harlene, Ltd., have always received a most cordial welcome from the public.

TO-DAY, in response to the Press announcements of Edwards' Harlene, Ltd., the demand for their products is wider than ever, and no Chemist or Store can afford to be without this unique line of toilet preparations.

- "HARLENE" FOR THE HAIR.
- "ASTOL" FOR GREY HAIR.
- "UZON" BRILLIANTINE,
- "CREMEX" SHAMPOO POWDERS.
- "ASTINE" VANISHING CREAM.
- "ASTINE" SHAVING STICK.
- "ASTINOL" AROMATIC FLUID.

FOLLOW THE TIDE OF SUCCESS.

Watch the Great Free Gift Advertising Campaign that brings the customers to your shop.

For Particulars, Advertising Literature, &c., write to

EDWARDS' HARLENE, Ltd. 20, 22, 24 & 26 LAMB'S CONDUIT ST., LONDON, W.C. 1.



Photo: Rita Martin.

MISS GINA PALERME, the beautiful French actress—a cordial supporter of "Harlene Hair Drill."



nty Deodorant

The intelligent depilatory. Simple, safe and effective. Pleasant and harmless. Invaluable during the decollete vogue. Daintily packed. Daintily packed in opal jars.

Ask your wholesaler. Both articles largely advertised. SATISFACTION GUARANTEED OR MONEY BACK.

TRADE TERMS. DECOLTENE. Advertised 3/9 and min. Retail price
Trade 30/- per doz.

5% cash with order Carriage paid on £1 lots. Particulars on request. ROBARTES, LTD.

DINKIE. Advertised and 2/6 min. Retail price
Trade 20/- per doz.

128 JERMYN STREET, LONDON, S.W.1 Telephone - - Gerrard 3672.

CLEAR BLUE TINTED, plain or graduated. 6 and 8 ounce.

CLEAR BLUE 12 ounce. 6 and 8 or 12 ounce.
WHITE PHIALS, plain or teaspoons.
15 ounce. 15 ounce. ounce.

Lowest Market Prices Charged.

BLUE LOTION BOTTLES, all sizes.

Sand 8 ounce ... ... Vials ... ... ... ... ... ... ... ... 10d. per gross, in 8 gross bags. Delivered free within 7 miles, and to certain stations. Particulars

on application. I. ISAACS & CO., Glass Bottle Manufacturers,

106 Midland Road, St. Paneras, London, N.W. 1. or ISLINGTON BOTTLE COMPANY, 7 New Inn Yard, Tottenham Court Road, London, W. 1.

Orders sent to either establishment have attention. Established 100 Years,
Bankers: London County and Westminster Bank, Bloomsbury Branch. SPECIAL LINE in

# MITCHAM LAVENDER WATER

Packed in Panelled Bottles and well finished with Ribbon, to retail at 1/-

> Per 7/6 Dozen.

Carriage Paid anywhere in British Isles, and 5 per cent. Cash Discount off orders of not less than £1.

We will send as Bonus with every 3 dozen ordered 1 dozen ESSONA SHAMPOO POWDERS on the understanding that these are not sold at less than 2d. each.

> Order now for Christmas while we have the Stocks!

The Essona Perfumery Co., Ltd. Haydon's Bridge, London, S.W.19.

# **TOOGOOD'S SHAMPOO POWDERS**



### EGYPTIAN HENNA SHAMPOO POWDER.

In boxes containing 7 Powders. Superior Quality and Delicately Perfumed,

10/6 per dozen boxes.



PINE, 7/6 doz. PINE & HENNA. 8/9 doz.



### PINE.

In Envelopes, 7 in box, 7/6 per dozen boxes.

### PINE & HENNA.

In Envelopes, 7 in box, 8/9 per dozen boxes.

Customer's name free on 3 dozen boxes or bottles.

MANUFACTURED ONLY BY-

TOOGOOD, Ltd., 77 Southwark St., London, S.E. 1.

# **BAISS BROTHERS**



# & COMPANY, Ltd.

FOR

FINE CHEMICALS OF ALL DESCRIPTIONS.
STANDARDISED TINCTURES AND EXTRACTS.
CONCENTRATED INFUSIONS AND DECOCTIONS.
DISINFECTANTS.

POWDERED DRUGS, STANDARDISED.

COMPRESSED TABLETS.

CONCENTRATED SOLUBLE ESSENCES.

CHEMISTS' PACKED SPECIALITIES.

DRUGGISTS' SUNDRIES.

HOSPITAL EQUIPMENT.

SURGICAL INSTRUMENTS AND DRESSINGS.

CHEMICAL FOOD.

EXTRACTS, SOLID AND LIQUID.

Quotations and Price Lists will be gladly sent on statement of requirements.

Goods specially packed for shipment to all countries.

PRICE LISTS IN VARIOUS LANGUAGES.

# BAISS BROTHERS & COMPANY, Ltd.

Wholesale and Export Druggists, Manufacturing Chemists and Makers of Surgical Instruments,

Contractors to His Majesty's Government; the Crown Agents for the Colonies; various Foreign Governments; and the principal Hospitals and Institutions at Home and Abroad.

Grange Works, 174, 175, 176 GRANGE ROAD, BERMONDSEY, LONDON, S.E.1
Drug & Herb Farm: CARSHALTON, SURREY.

Established 1833.

SPECIAL INTRODUCTORY

YIELDING



# A BRITISH SALT FOR EVERY BRITISH HOME

To introduce this well-tried and unique Saline to the public, I am offering chemists a special Bonus to push it, in conjunction with a big advertising campaign in the leading papers of the U.K.

# The Original HARLEY'S THREE SALTS

is on the P.A.T.A. list, and retails at  $9\frac{1}{2}d$ ., two for 1/6. Packed in an attractive carton in purple, and orange, it is sent, together with sales-pulling showcards, in 3-dozen lots at 6/4 per doz., carriage paid, cash with order. The offer given below yields 125 per cent. profit. Accept it now. Send P.O. for 12/8 for 3 dozen.

### WEEKS **BONUS OFFER** FOR TWO ONLY. November 12 to 26 inclusive.

FOR EVERY ORDER of THREE DOZEN of THE ORIGINAL HARLEY'S THREE SALTS received during above dates I will send

ONE DOZEN FREE,

On condition you give 14 days' Window Display.

THREE DOZEN SENT FOR THE PRICE OF TWO DOZEN

Orders are executed in rotation. Send yours NOW to the Maker,

THOMAS HARLEY, Manufacturing Chemist, PERTH, Scotland.

We are getting heavily booked up for Christmas, would our friends send us their orders early.

# DOLS' CONDENSED TABLETS

DOLS & CO., LTD., the Original Condensed Tablet Makers, Tea Merchants, Coffee Roasters, Cocoa Manufacturers, Military Contractors, Manufacturers of Tablets to the Trade, offer their specialities as below.

### TEA TABLETS.

Kershaw's principle. Combed and winnowed, Ceylon and Indian blended Tea. All stalk removed. Leaf Tea, not dust, nothing else added. As used in the sick bays and hospitals. Large Government size Tablets, in Tins of 30 or 33.

At 7/9 per dozen Tins

### TEA. SUGAR AND MILK TABLETS.

Six rations in a tin, as used in France, Egypt and Greece.

At 7/9 per dozen Tins

### COCOA, SUGAR AND MILK TABLETS.

Six rations in a tin. Highly condensed by manufacture.

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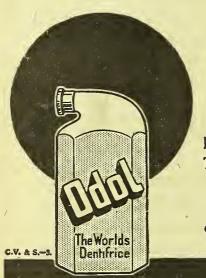
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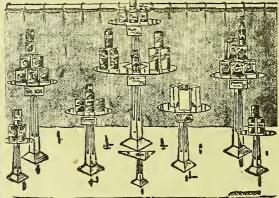
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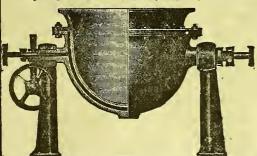
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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, October 30.

Hull Pharmacists' Association. Paper by Mr. E. 'H. Earle.

Wednesday, October 31.

Royal Institute of Public Health, 37 Russell Square, London, W.C., at 4 r.m. Major the Hon. Waldorf Astor. M.P., on "Health Problems and a State Ministry of Health."

Thursday, November 1.
Chemical Society, Burlington House, Piccadilly, London, W., at 8 r.m. Opening meeting of session.

London County Pharmaceutical Association, 17 Bloomsbury Square, London. W.C., at 3 P.M. Annual meeting and address by Mr. Edmund White, B.Sc., Ph.C., President of the Pharmaceutical

IN A. FEW MONTHS from the disaster of Mons, our chemical-manufacturers were producing not only explosives in quantities which now enable our artillery to overwhelm the enemy with superior fire (and which supply our Allies), but also drugs—trypaflavin, the wonderful new antiseptic, salvarsan, novocaine, the pain-destroyer, and the rest of the beneficent list. It is organisation that has done this-organisation in which we have beaten the essentially dull and derivative German at his own game, as completely as we are beating him in the other trade in which he thought his master the devil had made him supreme—the diabolical trade of war.—Mr. Thomas Russell.

### European War News.

Import and Expert Notice.

United Kingdom.—The following alterations regarding prohibited exports are notified in the "London Gazetto" (October 19): (A) Aluminium, alloys of aluminium and manufactures of aluminium is now amended to "(A) aluminium, alloys of aluminium and aluminium, aluminium aluminium, aluminium aluminium, aluminium al alloys of aluminium, and manufactures of aluminium or of its alloys." Arsenical ore has been transferred from "C" to "B" heading; (C) Arsenic, compounds of arsenic and mixtures containing arsenic has been transferred to "B" list, and (A) Cresol, compounds and preparations of cresol (containing arsenic has been transferred to "B") list, and (A) Cresol, compounds and preparations of cresol (except saponified cresol) and nitro-cresol has been amended to "(A) cresol, compounds and preparations of cresol and nitro-cresol." Lead ore has been transferred from (B) to (A) list. The item (B) oil, fish and seal, not otherwise prohibited, and mixtures containing such oils is now revised to (B) oil, fish, not otherwise prohibited, and mixtures containing such oil, while a new entry is (A) oil, seal, and mixtures containing 'such oil. The item (C) oils, essential (except turpentine oil), has been deleted in favour of a new entry—(B) oil. sandalwood, and (C) oils, essential (except turpentine) entry—(B) oil, sandalwood, and (C) oils, essential (except sandalwood and turpentine oils). The item (B) waxes, sandalwood and turpentine oils). The item (B) waxes, animal, mineral, vegetable, and composite waxes not otherwise prohibited has been amended to (B) waxes, animal, mineral, and vegetable, not otherwise prohibited, and (A) waxes, composite. Other new items are (A) Acriflavine, proflavine, and other acridine derivatives having antiseptic or therapeutic properties, and mixtures or preparations containing any of those substances. (B) Sandalwood for medicinal nurposes. cinal purposes.

Control of Potassium Compounds.

The Minister of Munitions, under date of October 17, gives notice that (1) no person shall, until further notice, offer to purchase, purchase, or take delivery of any potassium compounds as defined in Clause 3 except under and in the towns of a license issued on behalf compounds as defined in Clause 5 except under and in accordance with the terms of a licenco issued on behalf of the Minister of Munitions by the Controller of Potash Production, or offer to sell, sell, supply, or deliver any such potassium compounds to any person other than the holder of such a licence and in accordance with the terms holder of such a licence and in accordance with the terms thereof, provided that no such licence shall be required (a) by the Admiralty or War Office, (b) by any person for the purchase and delivery of potassium compounds in quantities not exceeding in weight an aggregate of 3 lb. avoir, during any one calendar month. (2) All persons shall furnish returns to the Controller of Potash Production at the times and in the manner prescribed by him of all potassium compounds held in stock by them or otherwise under their control or manufactured, produced, hought. potassium compounds held in stock by them or otherwise under their control, or manufactured, produced, bought, sold, or otherwise dealt in by them. (3) The potassium compounds to which this order relates are caustic potash (KOH), chloride or muriate of potash (KCl), carbonate of potash (K<sub>2</sub>CO<sub>3</sub>), and sulphate of potash (K<sub>2</sub>SO<sub>4</sub>), whether pure or commercial, and any material (other than blastfurnaco dust referred to in the Order of the Minister of Munitions of August 7, 1917) of which more than 10 per cent. consists of any one or more of the above. (4) All applications in reference to the above Order to be addressed to the Controller of Potash Production, Ministry of Munitions, 117 Piccadilly, W\_1.

Personalia.

### Personalia.

SECOND LIEUTENANT STEPHEN F. WEBB, R.F.A. (director of Evans Sons Lescher & Webb, Ltd.), has been awarded the Military Cross.

MR. LESLIE TODD, formerly with Taylor's Drug Co., Ltd., at the Station Parade, Harrogate, branch has been granted a commission in the West Yorkshire Regiment.

Mr. Hugh McDonald, late with Taylor's Drug Co., Ltd., at the High Street, Sunderland, branch, has been granted a commission in the Royal Flying Corps.

PIONEER W. WILSON. R.E., eldest son of Mr. D. W. R. Wilson, Ph.C., West Kirby, has been awarded the Military Medal for gallant conduct on the night of July 29.

SERGEANT ERIC DEWING, eldest son of Mr. Charles Dewing, chemist and druggist, Grimsby, has joined an O.T.C. Mr. Dewing's second son is on active service in France.

Lance-Corforal P. G. Harrison, Gordon Highlanders, has been wounded in France. In civil life he was an assistant with Mr. E. Macphie, chemist and druggist,

SECOND-LIEUTENANT G. R. BAYNTON, R.F.C., who has been reported missing (C. & D., October 6, p. 33), is now known to be an unwounded prisoner in Germany. He is the son of Mr. C. S. Baynton, pharmacist, Exchange Buildings, Birmingham.

SECOND-LIEUTENANT H. N. SAVAGE, East Lancashire Regiment, is in hospital wounded. Lieutenant Savage enlisted in 1915, after serving an apprenticeship with Waller & Riley, Ltd., chemists, Blackpool, and studying for the Minor examination at the Manchester College of Pharmacy.

CORPORAL S. F. BROOKS, only son of Alderman J. Brooks, ehemist and druggist, High Street North, East Ham, has, after over two years' active service, been recommended for a commission, and is now in a cadet school at Cairo. Corporal Brooks returned from Chili and re-joined the Army early in 1915.

SECOND-LIEUTENANT R. M. SHAW, Royal Fusiliers (City of London), was wounded on October 9, and is in hospital in England. Lieutenant Shaw, who is a chemist and druggist, and brother of Mr. Granville Shaw, Ph.C., Man-chester, was in civil life a representative of Mr. C. F. Thackray, manufacturing chemist, Leeds.

CAPTAIN CYRIL GEORGE MONEY HATFIELD, Middlesex Regiment, only son of Mr. G. W. Hatfield, chemist and druggist, Chairman of the London Pharmaceutical Committee, has resigned his commission in consequence of ill-health. Captain Hatfield was "gassed" on the Somme in October 1916, and is still suffering from the result of this and severe shell-shock.

CAPTAIN REGINALD HEATON, King's (Liverpool Regiment), has been awarded the Military Cross for gallantry in action. Captain Heaton, who volunteered for service on the outbreak of war, was at that time with Mr. J. Joye, ehemist and druggist, Southport. The deed for which he has been decorated was the capture of a "pill-box" that was holding up a portion of our line in a recent attack.

### Miscellaneous.

SODIUM NITRATE.—The Minister of Munitions has made an Order applying Regulation 30a of the Defence of the Realm Regulations to nitrate of soda. Applications and communications in connection with the Order should be addressed to the Department of Explosives Supply, Ministry of Munitions, Storey's Gate, Westminster, S.W. 1.

GERMAN RAW MATERIALS SEIZED IN AMERICA.—The New York correspondent of the "Times" announces that the York correspondent of the "Times" announces that the U.S. Government is shortly to take possession, for the benefit of the Allied belligerents, of immense quantities of supplies of all kinds purchased by German agents in America during the first two years of the war. These materials include cotton now valued at approximately 30,000,000%, sterling. Copper, nickel, stecl, and oil held in storage, valued at 500,000%, has already been seized. Immense quantities of chemicals, and especially T.N.T., were bought up by German agents early in the war and concealed in various parts of the country, in order to create a shortage and incidentally inflate prices. All these the Government is about to commandeer, together with vast amounts of steel, shells, leather, hides, and manufactured goods of every description. description.

WHITE FLOUR FOR INVALIDS.—The Ministry of Food, after consultation with the War Bread Mcdical Sub-Committee, has issued a meniorandum regarding the conditions of issuing orders for white flour. Speaking generally, it may be said that unless some affection of the digestive organs is present which, in the opinion of the War Bread Medical Sub-Committee, justifies the use of pure wheaten flour, an application cannot be granted. The instances given are as follows: follows:

follows:

1. Acute affections of the stomach (acute gastric catarrh, ulcer in its acute stages, etc.). In these cases the use of any form of bread whilst the disease is at its height is probably inadmissible. During the convalescent stages the prescription of pure wheaten flour for a limited period may be permissible.

2. Chronic affections of the stomach. In chronic functional disorders of the stomach (which make up the majority of cases of chronic dyspepsia) the use of pure wheaten flour can rarely be allowed, for the reason that such cases are so numerous and so protracted in their course that it would be impossible to meet demand without seriously depleting the wheat-supply of the rest of the population.

3. Acute affections of the intestine (acute diarrhen, entertis, colitis, ulcerative conditions, at.). In these cases the rest

of the population.

3. Acute affections of the intestine (acute diarrhea, enteritis, colitis, ulcerative conditions, etc.). In these cases the same remark applies as in acute affections of the stomach.

4. Chronic intestinal affections (chronic diarrhea, chronic colitis, malignant disease, etc.). In some of these the use of white flour may be desirable, but evidence would be required to show that ordinary bread, toasted and thoroughly chewed, and the use of other measures, have failed to relieve the symptoms.

5. Cases of disease of the nervous, circulatory, or respiratory systems, or of the urinary organs or skin, or such general conditions as anæmia and diabetes, can rarely be considered suitable for grants.

able for grants.
6.84s regards tuberculosis, there is no evidence that the present bread is injurious,

There are very few conditions in which, in the opinion of the War Bread Medical Sub-Committee, the use of pure wheaten flour is essential.

### English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

### Contracts.

The following tenders have been accepted by the Boards of Guardians or other public bodies named:

Burton-on-Trent.—Liverpool Lint Co., lint, etc.
Camberwell.—Apothecaries' Society, carbolic acid.
Droxford.—W. Bates & Co., Southampton, druggists' sundries; The "Sanitas" Co., Ltd., sanitas.
Merthyr Tydfil.—Mr. V. A. Wills, chemist and druggist,

Victoria Street, drugs, etc. Stratford on Avon. - Mr. J. G. Danee, chemist and drug-

gist, Bridge Street, drugs.

Westminster.—S. Maw, Son & Sons, Ltd., surgical dressings.

The following contracts were notified during September

The following contracts were notified during September by the War Office and the Prison Commissioners:

War Office—Dental Outfits.—C. Ash, Sons & Co., Ltd.; Dental Manufacturing Co., Ltd. Flyeatchers.—Extirmo, Ltd.; Kay Bros., Ltd. Medicines.—Burgoyne, Burbidges & Co., Ltd.; A. H. Cox & Co., Ltd.; Johnson & Sons (Manufacturing Chemists), Ltd.; London Chemical Works, Ltd.; May & Baker, Ltd.; J. & J. White. Photographic Stores.—F. H. Ayres, Ltd.; A. Edwards, Ltd.; Foxcroft & Co., Ltd.; Houghton-Butcher Manufacturing Co., Ltd. Soap.—Yalding Manufacturing Co., Ltd. Surgical Materials.—Arnold & Sons; Carswell Co. (Glasgow), Ltd.; Cuxson, Gerrard & Co., Ltd.; J. L. Hatrick & Co., Ltd.; S. Maw, Son & Sons, Ltd.; T. J. Smith & Nephew, Ltd.; W. Vernon & Co., Ltd.; T. J. Weekes & Sons, Lid.
PRISON COMMISSIONERS.—Soap.—J. Crosfield & Sons, Ltd.; John Knight, Ltd.

John Knight, Ltd.

### Birmingham.

A shellac- and wax-refinery has lately been established at King's Heath.

Short, pithy Ucal advertisements are being dotted about in the local Press: agents' addresses are included.

The Shenstone estate has been sold by Winterton & Sons, Lichfield (see C. & D., July 14, p. 34; August 4, p. 34).

The searcity of liquid fuel has raised a difficulty for local transport. The old-fashioned horse and van is much in evidence, and the electric motor is making its appearance.

One might have thought that the time-honoured question, "Do you know how to bleach charcoal?" had by now died a natural death; but a medical man recently asked a pharmacist if it could be done.

Under the auspices of the Ministry of Munitions, an exhibition was opened in the City Art Gallery by the Lord Mayor, on October 22, to illustrate the work of women in war-industries. It remains open till November 10.

Alderman F. C. Clayton, Ph.C., was instrumental in securing the adjournment of a scheme recently submitted to the City Council for widening arterial roads. He pointed out that the financial aspect of the scheme had not been

out that the mancial aspect of the scheme had not been adequately considered.

A writer in the local Press remarks,  $\hat{a}$  propos the cheerful subject of vitriol-throwing, that "lotions from the chemist are worse than useless," yet in the next sentence informs his readers that a little tonic and sedative lotion may be helpful. Where are they to be obtained?

At the lecture to be given by Mr. E. G. Gaul, M.Sc., Ph.C., at the University on November 14 (see *U. & D.*, October 13, p. 35), the question of forming a bacteriology class for pharmacists will be considered.

A meeting is to be held at the School of Technology on November 10, under the chairmanship of Dr. Alfred Rée, to inaugurate a "British Association of Chemists." Among to inaugurate a "British Association of Chemists. Among the objects in view set forth in the agenda are the raising of the status of the chemist, the establishment of a registration authority, and, last but not least, the legal definition of the word "chemist." Provisional recommendations as to the qualifications desired for the chemist of the future have been drawn up.

### Liverpool.

A leading retailer has been complaining that business is being lost every hour through the scareity of spirit, sugar, and American preparations.

On the invitation of the President, Mr. William P. Evans, Association met members of the Liverpool Chemists'

Mr. S. W. Woolley, Editor of the C. & D., at dinner at the Exchange Club, Fenwick Street, on October 24.

A fire broke out last week on the premises of John Thompson, Ltd., wholesale druggists, Hanover Street, Liver-pool. It originated among some cotton-wool, and was confined to the top floor.

#### Sheffield.

Several local traders have been summoned for failing to allow their assistants a midday interval of three-quarters of an hour.

A lecture on "Semi-automatic Glass-making Machinery in America", was given at the University by Mr. R. E. McCauley, Pennsylvania.

Mr. A. Knowles, chemist and druggist, Woodseats, has made extensive alterations to the interior of his premises, and now possesses a splendidly arranged pharmacy.

The city authorities have made arrangements for the treatment of venereal diseases with both the public hospitals, where day and evening attendances are given. Several private practitioners are undertaking the salvarsan treat-

Several pharmacies have been visited by an impostor who produces corks alleged to have been sent for cash on delivery by the proprietor of the establishment, who is of course away at the moment. In one or more cases  $4\frac{1}{2}$  gross were accepted as 8 gross, and 12s. was paid for them.

Some doubt exists among pharmacists as to dispensing prescriptions for discharged soldiers and sailors under the Insurance Committees' arrangements, especially in the case of non-panel doctors, who have to notify their willingness to undertake the medical treatment. As no such notification is known to have been made, chemists would not be justified in presenting for payment prescriptions from private

#### Miscellaneous.

UNEMPLOYMENT INSURANCE.—The Umpire has decided that contributions are payable in respect of workmen engaged wholly or mainly in refining mineral or vegetable (including

POISON-LICENCE WANTED.—Mr. H. J. Wheeler, seed-merchant, East Street, Warminster, has applied to the Wilts County Council for a licence to sell agricultural and horticultural poisons.

WINDOW-SMASH.—Considerable damage was done on October 18 to the shop-window of Mr. H. Miles Rees, Ph.C., Anerley Road, Anerley, London, S.E., by a motor-van that was out of control and backed into it.

THE SOCIETY OF APOTHECARIES this year celebrates its tercentenary, and is one of the few remaining guilds that retain their original privileges. As a trading concern it has been known to issue a 20 per cent. dividend

REGISTRATION OF FIRMS .- Lambeth Borough Council has passed a resolution requesting the Government to bring pressure to bear on all firms which had not complied with the provisions of the Registration of Business Names Act.

LIGHTING OFFENCE.—At Lancaster, on October 20, Mr. Kenneth Birkett, assistant to his father, Mr. John Birkett, Ph.C., 16 The Crescent, Morecambe (Mayor of that borough), was fined 40s., and costs, for failing to obscure a light above his father's shop.

CHRISTMAS HOLIDAYS.—The Early-closing Association, 24-40 Ludgate Hill, London, E.C., has sent a letter to Chambers of Commerce and similar bodies suggesting a three days' closing at Christmas—viz., from Tuesday, December 25, to Thursday, December 27, inclusive.

INCREASED WAGES.—During the past month increased wages have been awarded by arbitration, under the Conciliation Act and the Munitions of War Acts, to cardboard-box makers at Robinson & Sons', Ltd., Chesterfield, and enginemen at Lever Bros.', Ltd., Port Sunlight.

FALSE PRETENCES.—At Staffordshire Quarter Sessions, on October 18, Simeon Samuel Joseph Bissell, manufacturing druggist, was sentenced to twelve months' imprisonment for having obtained by false pretences a quantity of sanaphos from the British Milk Products Co., Ltd., and a quantity of acetanilide from Mr. Frank Isaac Hibbert.

MOTOR-TRANSPORT VOLUNTEERS.—The Earl of Cottenham has issued an appeal to motor-lorry owners for the loan of motor-lorries to transport troops from station to station passing through London on leave. There are at present in use 159 motor-lorries, 186 private cars, and 27 notorcycles with side-cars, but more lorries are needed. The Headquarters of the Motor-transport Volunteers is 31 Walbrook E.C. 4 brook, E.C. 4.

An OLD BUSINESS.—A correspondent of the "Surrey' Times" has furnished some reminiscences of the business

of the late Mr. Waller Martin, chemist, High Street, Guildford, dating from 1774. Half a century ago a brisk trade was done on Saturdays and Sundays in bleeding "while you wait," and "a string of beads" was used to make the blood run more freely. The recipe for a popular ointment made in the establishment dated back to 1812.

THEFT CHARGES.—At Old Street Police Court, London, E.C., on October 19, James Ewin, Voss Street, E., was sentenced to a month's imprisonment on a reduced charge of receiving five cases of whisky, value 25l., the property of C. R. Harker, Stagg & Morgan, Ltd. (C. & D., October 20, p. 36).—Louis Katt, 57. Whiston Street, E., charged on remand at the same court with receiving a carboy of acetic acid, was discharged (C. & D., October 20, p. 36).—

POSONINGS—The following cases of poisoning have been

Poisonings.—The following cases of poisoning have been reported during the past week: At an inquest at Hornsey, London, N., on the body of Mrs. Mabel Hyde, who died from veronal-poisoning, the Coroner (Dr. G. A. Cohen) suggested that bottles of tablets containing veronal should have a more definite maximum dose, indicated on the label.—Mrs. Harriet Sawyer, Normanton, who had once spent nine months in an axylum died from veronal-noisoning; at the inquest in an asylum, died from veronal-poisoning; at the inquest, a verdict of "Suicide while of unsound mind" was returned.

MILITARY RECRUITING CHARGE.—At the Central Criminal Court on October 19, Mr. Justice Shearman passed sentence on Dr. G. H. Bishop, B. G. Grantway, surveyor, and J. Trichter, clerk, charged with conspiring to defeat the provisions of the Military Service Acts (see C. & D. August 11, p. 36). Bishop and Grantway were each sentenced to twelve months' and Trichter to three months' imprisonment, without hard labour, the Judge intimating that he thought there was a question in law for the Court that he thought there was a question in law for the Court of Criminal Appeal.

AIR-RAID WARNING PROPOSAL.—The Dewsbury Chamber of Trade has submitted to the Home Office a proposal that six shops, covering six areas of the town, should receive air-raid warnings direct from the telephone exchange. These six would each immediately warn six others, and each of the latter an allotted group, so that the lights of about 200 shops could be extinguished within five minutes, in addition to those electrically lighted. With this plan in operation the present lighting restrictions might, it is claimed, be much relaxed.

### Irish News.

### Pharmaceutical Society of Ireland.

We regret that a confusion of names occurred in our report of the annual meeting and Council-meeting of the Pharmaceutical Society of Ireland. It was Mr. W. Hanna, Ph.C. (Bangor, co. Down), who was elected a member of the Council with 119 votes, not Mr. Victor E. Hanna (Dublin). The same error in names also occurred in the list of councillors present at the Council-meeting.

Sugar-supply.

An Order, known as the Sugar (Sales for Ireland Returns) Order, 1917, has been made by the Food Controller requiring all persons carrying on business in Great Britain as wholesale dealers in sugar to make a return specifying any customers in Ireland to whom they supply sugar, together with particulars of the amounts of sugar supplied. This return must be made not later than October 31 on a form which can be obtained on application to the Ministry of Food, 41 Park Street, London, W. 1.

### Brevities.

Damage estimated at 50l, was caused on October 21 by a fire in the cellar of premises occupied by Laird & Co., chemists, Limerick.

Sir Thomas Robinson is in charge of the Chemists' Section of the scheme promoted in aid of the Red Cross Fund by the Dublin Chamber of Commerce.

At a recent meeting of the Warrenpoint Urban Council, a vote of congratulation was accorded to Mr. J. E. Connor on his election as Vice-President of the Pharmaceutical Society of Ireland.

Soil-Insecticide.—The Food Production Department, it is stated, is experimenting with a view to the discovery of a soil-insecticide to be used against wireworms, leatherjackets, and other pests.

IN PLACE OF THYMOL as a remedy for Strongylus tetracanthus in horses it is recommended to administer with the food a handful of thyme herb cut up and mixed with sharps and bran. This dose is given every other morning for three weeks.

### Scottish News.

#### Brevities.

Urgent venereal cases are to be sent to Dundee by the burghs of Breehin and Montrose and the Forfarshire County Council.

Damage estimated to amount to several hundred pounds was eaused by a recent fire at the ereosote-works at Kirkland, Leven.

The Western District Committee of the Perth County Council has agreed to use prepared rat-virus, as suggested by local chemists, in place of virus in tubes. It is stated that farmers will welcome a satisfactory virus prepared for use, especially as the Board of Agriculture is likely to contribute a grant

#### Aberdeen.

A deputation from the Executive of the Aberdeen Pharmaceutical Association waited on Mr. Gilbert Simpson, Ph.C., of the Robert Gordon's Technical College School of Pharmacy, on Monday, October 22, and presented him with a gracefully worded testimonial and a cheque.

A meeting of the ereditors of Mr. Charles Stewart, ehemist and druggist, 217 Rosemount Place, Aberdeen, was held last week at Aberdeen, when a statement of affairs was submitted showing liabilities of 217l. 8s. 4d., to meet which there were net assets estimated at 33l. 7s. 1d., the estate thus disclosing on paper a deficiency of 184l. 1s. 3d. It transpired that the debtor commenced business about ten years ago, at which time he had little or no money of his own, and was apparently assisted by his sisters, who had not been repaid. They were, however, not claiming against the estate. The debtor had only been doing a small business. An offer was submitted by the three sisters for the payment of 5s. in the pound in full settlement, and the trade creditors urged the others to accept it. In the meantime a trust-deed has been exceuted in favour of the representatives of the two largest creditors. The following are creditors: Wm. Paterson & Sons, 77l.; Wm. Davidson, Ltd., 38l.; Ayrton, Saunders & Co., Ltd., 10l.; Harkness, Beaumont & Co., 8l.; A. D. Hay, 10l.; J. F. Macfarlan & Co., 8l.; W. B. Cariwright, Ltd., 8l.; Robt. Gibson & Sons, Ltd., 7l.; Bowman & Webster, 5l.

### Edinburgh,

A city firm is asking for empty photographic spools to be sold for war charities.

A newspaper recommendation to try magnesia in baking has created a considerable dcmand.

Edinburgh Corporation has formed a collecting station for bottles and jars of all kinds at Powderhall.

The boy burglar who squirms his way through the fanlight has been giving the police extra labour of late.

A local firm's employes have had their holidays this year by getting away an hour or so earlier at night once in a while.

Mr. J. Rutherford Hill, Ph.C., was among the speakers at a women's suffrage demonstration held in Edinburgh on October 19.

At this season the "fly in the syrup" would seem to be an appropriate quotation. Syr. zingib., for some reason, always attracts most victims.

The half-yearly balance-sheet of St. Cuthbert's Co-operative Association, Ltd., shows net sales in the drug department as follows: Bread Street, 2,108l.; Tynecastle, 1,119l.; Hamilton Place, 71ll.; Nicolson Street, 1,08ll.; Montrose Terrace, 57ll.; Haddington Place, 822l.

A whist-drive will be held on Wednesday, November 28, under the combined auspices of the Pharmacy Athletic Club, the Golf Club, the Trade Association, and the Chemists', Assistants', and Apprentices' Association. The surplus goes towards the funds of the Red Cross.

The Mine Reseue Research Committee invites inventors having designs for automatically-adjusting oxygen feed valves for self-contained breathing apparatus to communicate with Dr. Henry Briggs, Heriot-Watt College, Edinburgh, from whom further information can be obtained. Inventors should first apply at the Patent Office for provisional protection for any designs not already patented.

#### Glasgow.

In a paper read at the Royal Technical College, Professor Berry dealt with the sources of potash other than the German deposits—kelp, felspathic deposits, Spanish and Abyssinian native sources, and blast-furnace gases, and suggested that our own requirements might be fully met by adequate development of the different home sources.

### Associations' Winter Session.

Pirmingham.—At the annual meeting of Birmingham Pharmaeeutical Association on October 24, held at the University, Mr. H. Buekingham (President) took the chair. The report set forth that the membership now stood at 104, in addition to nineteen associates and eight subscribing firms. Nineteen new members and three associates had been clected during the year, two names had been removed by death, and twelve for other reasons. The work of the Hospital Out-Patients' Committee had been extended by the inclusion of School Clinies prescriptions. A sum of 41l. 9s. had been raised for the entertainment of wounded soldiers, and the total collected by the Association for charitable objects during the year was 86l. 9s. 6d. An appeal on behalf of the Parliamentary Representation Fund yielded 42l. 4s. 6d. The Minimum Prices Committee reported that working arrangements had been made with the principal stores of the city, with several of the grocers, and with the Drysalters' Association and the Grocers' Association. Reports of cutting had been very few, and all cases had been amicably settled. The financial statement showed a eredit balance of 22l., which the President described as satisfactory, though he was disappointed at the fact that only twenty-five out of 200 members had responded to the appeal on behalf of the Parliamentary Representation Fund. The report was adopted. Mr. F. H. Aleoek asked, in connection with the work of the hospital out-patients, whether it would be possible to get the work of the large dispensaries transferred to pharmaeists, as this would be a great convenience to patients who at present had to travel considerable distances for medicines. The local pharmaeist could be paid from the dispensary funds. Mr. Mann did not think there would be much disposition to disturb the existing arrangement, and the matter dropped. Mr. Aleeek (Hon. Librarian) reported that the library had been little used. The most popular book had been Wootton's "Chronicles of Pharmacy." A resolution of sympathy was passed with Mr. W.

Bolton.—The annual meeting of the Bolton Pharmaeists' Association was held on October 18, Mr. G. Brown (President) in the chair. The closing of pharmaeics at 7 r.m. was decided to be impracticable until the doctor instituted earlier evening surgery-hours. The retiring officers were thanked for their services, on the motion of Mr. H. Knott, and for the 1917-18 session the following were cleeted: President, Councillor P. Knott: Hon. Secretary, Mr. E. N. Fox; Treasurer, Mr. W. Charlton.

elected: President, Councillor P. Knott: Hon. Secretary, Mr. E. N. Fox; Treasurer, Mr. W. Charlton.

Brighton.—The first meeting of the session of the Brighton and Hove Association of Pharmacy was held on October 17, with a fair attendance. Mr. A. J. Franklin (Vice-President) presided. It was generally agreed not to renew licenees for S.V.M. unless present stocks were heavy. Mr. Kingsley Padwick gave a short account of the Pharmacy War Savings Association; nearly 1,000l. has already been saved. Messrs. Ashton and Burgess, with others, took part in a discussion on patents at face value, which topic was reopened in view of the increasing muddles of to-day. A good deal of feeling on this subject was evident. An account of a visit to the Sussex County Hospital was given by Mr. Edgar Jones. He ascribed the "queer quivery feeling that most people get when visiting a hospital" to the absolute cleanliness of the place. With reference to the newly opened V.D. portion at the hospital, a few short notes on syphilis were given, tracing its origin in Europe to Spain in 1494, and then the various methods of treatment were touched on. Mr. Walmsley, pharmaeist to the hospital, brought as specimens sample tubes of salvarsan, neo-salvarsan, and the English brands: also a carbon-dioxide pencil, which was handed round with much interest. Mr. Franklin, Governor of the horpital, and Deputy-Chairman of the Drug Committee, then appealed for subscriptions to that institution. A big deficit existed for the year, and unless much reduced beds must be closed. It was decided to make a special appeal to chemists in the same way that an appeal is being made to the other Associations in the town, and Mr. Franklin particularly asked that chemists should not be disgraced by the total raised.

Chesterfield.—A meeting of the Chesterfield and District Pharmacists' Association was held on October 9 at the Sun Inn—Mr. Harold Smith (President) in the chair—when Mr. Sidney Greaves read a paper entitled The Pharmacist of the Future, which leaned to the view that women would undoubtedly come to the front. It was very interesting and

amusing, and was highly appreciated. As there was rather a poor attendance (a very unusual thing for the Chesterfield Association), Mr. Greaves was asked to repeat his paper at a future meeting, and agreed to do so. He received a cordial vote of thanks.



MR. WILLIAM BLAKELEY, the newly elected President of the Dewsbury
Phermacists' Association, was apprenticed with the late W. S. Baxter, chemist and optician, of Bramley, and was then for two years with Mr. William (above Parishatta). Johnson, President of the Leeds U.C.A.L. Club, and with Mr. John Tirrel, Hanley. After qualifying at the Metropolitan Col-lege of Pharmacy, he managed the business of the late R. Bellamy, Bedale, and then com-inenced business 15 years ago at Birstall.

Association opened its winter session on October 22, Mr.

W. Blakeley (President) in the chair. In the course of his inaugural address the President contrasted the past and present position of pharmacy. The address that he had been address to the position of pharmacy. position of pharmacy. The advent, of the Insuranco Act had given the pharmacist more of his proper work, and although they had not yet got all the remuneraand not yet got all the remunera-tion they earned and desired, the Act had helped pharmacy to come into its own. In the future the smart man, with the clean, well-fitted shop, was going to count, and the one who knew his job eould be of real scrvico to the public and the medical prothe public and the medical profession. Every trade or profession needed to be organised. "The Pharmaceutical Society," he said, "is our erganisation, and was founded not only for the protection of the public, but for the better regulating of pharmaceutic if some respective of the public of the public but for the better regulating of pharmaceutic if some respective properties. macy, and if every pharmacist was a member of the Society we should be better off, and get more should be better off, and get more consideration from the powers that be. All local Associations should be linked up, and each Association should send one representative to the Council. I do not see why the Chemists' Defence Association should not be fence A sociation should not bo a department of the Society, and every chemist be a compulsory member. Otherwise, let him be regarded as outside the pale of pharmaceutical civilisation." Pro-

the last half-dozen years had witnessed much in the way of the union of the wholesale and retail. Ucal and Rexall, which were only combinations of retailers becoming their own wholesalers, were growing, and huge futures could be predicted for them. They put the one-man firm into the ranks of the great multiple firms. Profit-sharing was going ranks of the great multiple firms. Profit-sharing was going to be a great factor in the emancipation of the worker. Having touched upon the question of better treatment of apprentices, Mr. Blakeley spoke strongly against chemists selling "pen"norths," and observed that the future seemed bright, as the long-hour system was doomed and greater turnoyers practically assured. Mr. Pickard, in proposing a vote of thanks to the President, said that the chemists had themselves to blame for the penny trade. They could alter it if they desired. Mr. Pickard complained that although the Insurance Act had improved the position of chemists they were still not paid for work they did. Mr. Broadhead, in seconding, said that one of the important questions of the future would be that one of the important questions of the future would be that of a better type of apprentice. Mr. Barker and Mr. Day also spoke, and the resolution was carried. Mr. Pickard then presented, on behalf of the members of the Association, a cheque to Mr. R. Day in recognition and appreciation of his services as Secretary of the Association. Mr. Day, he said, had as Secretary of the Association. Mr. Day, he said, had now had to leave the district, but he had left his mark upon that organisation. They wished Mr. Day every success in his new sphere of activities at Laisterdyke. Mr. Day suitably acknowledged the gift.

Ealing.-The opening meeting of the session of the Ealing and District Pharmacists' Association was held at Buol's Restaurant on October 16. There were seventeen members present, including the President (Mr. G. Norris), in the chair, and the Vice-President (Mr. A. A. Senior). Mr. Strickland introduced the question of seven-o-clock clesing, and the retire height in foregree of the alternation it was Strickland introduced the question of seven-o'clock clesing, and, the voting being in favour of the alteration, it was decided to leave the details of arrangement in the hands of Mr. Strickland and a small Committee. Mr. Herbert Skinner and Mr. G. W. Evans attended the meeting to explain the objects and advantages of the Progressivo Pharmacy Club. Mr. Skinner laid before the meeting very concisely the aims and hopes of the Club, and gavo particulars to show the rapidly increasing membership. Mr. G. W. Evans followed with a short speech giving details of the social side of the Club, and the pleasure to be

derived from new pharmaceutical friendships. general discussion which followed the interesting facts were elicited that several members of the Pharmaccutical Council are also members of the Club, and that by far the majority of the Club members are members also of the Pharmaceutical Society. It was the evident feeling of the meeting that the Progressive Pharmacy Club would prove a distinct asset to the Pharmaceutical Council. Eight or nine applications for membership of the Club were handed in at the meeting, and Messrs. Skinner and Evans were thanked.

Treland.—On the invitation of the President and Mrs. W. J. Rankin, the members and friends of the Chemists' and Druggists' Society of Ireland were entertained to tea in the Society's Rooms, Belfast, on October 17, when an enjoyable evening was spent. Guests to the number of over a hundred responded to the invitation. After tea Mr. Rankin took the chair, and having apologised for the unavoidable absence of Mrs. Rankin, extended a hearty welcome to all present. Ho was glad to see so many friends come to all present. Ho was glad to see so many friends old and new. Such a representative meeting was a source of great strength and help in carrying on the work of the Society, and he hoped they would have some good meetings during the winter. A most interesting musical programme was then contributed by Mrs. Abernethy, Miss Scott, A.L.C.M., Miss Muriel Gilson, Miss Mattic Richardson, Master Walker Gailey, Mr. S. McDowell, Mr. F. Williamson, Messis. Fawcett and Birrell. The accompaniments were gracefully played by Miss Scott. A vote of thanks was accorded to Mr. and Mrs. Rankin, on the motion of Mr. Frackelton, seconded by Mr. S. Suffern. Mr. Rankin replied, and thanked the Hop. Secretary (Mr. Frackelton) and others who had assisted in making the evening so enjoyable. The singing of the National Anthem brought the proceedings to a close.

brought the proceedings to a close.

Lanarkshire .- The first meeting for this session of the Lanarkshire Pharmacists' Association was held in Glasgow on October 17, Mr. Balfour Reekio (President) in the chair. There was a good attendance to listen to Mr. W. L. Currie on Current Pharmaceutical Topics. In the course of his address Mr. Currie advocated and emphasised the need for organisation, being convinced that the strong position of Scottish chemists to-day was due in no small degree to organisation. He compared the position of chemists in Scotland and England to the detriment of the latter, sayin Scotland and England to the detrinent of the latter, saying that the system of Divisional Secretarics in Scotland had a great advantage over the English system. In his opinion representation on the Council of the Pharmaceutical Council should be territorial. In this way Scotland would Council should be territorial. In this way Scotland would always have three representatives, while other parts of the country would likewise be equally represented. Turning to education, which he said must undergo great changes after the war, he urged chemists to keep themselves well versed if they wish to keep pace with the times. Bacteriology and the preparation of serums, etc., is sure to be wanted, and he assumed there would be changes in the name and nature of the Minor examination to meet such requirements. As regards Insurance matters, Mr. Currio convinced that if English chemists had listened to their Scottish friends at the introduction of the National Health Scottish friends at the introduction of the National Health Insurance Act they would have been in a different position to-day. Hearty thanks were accorded to Mr. Curric for his paper. The adoption of a minimum retail pricclist was afterwards discussed, and it was unanimously agreed to support the Glasgow and West of Scotland Association in their efforts to provide a list for Scotland. It was announced that as a result of the Association's efforts sufficient money had been raised to name a bed in Bellahouston Red Cross Hospital.

Letth.—The annual meeting of the Leith District Chemists' Association was held in Wilson's Reoms on October 22, the President (Mr. Noble) in the chair. The Treasurer's report was presented and showed a satisfactory balance in hand. A report on the work of the local Pharmaceutical Committee on N.H.I. affairs was submitted by maceutical Committee on N.H.1. affairs was submitted by Mr. Nisbet. The following officers were elected: President, Mr. A. Currie, Ph.C.; Vice-President, Mr. G. D. Thomson; Hon. Sceretary, Mr. P. Nisbet: Hon. Treasurer. Mr. G. P. Cooper; Committee, Messrs. Brown, Dunean, Muir, Noble, and Walker; Auditors, Messrs. Dunean and Forgan. A donation of 1l. 1s. was voted for wounded soldiers at Seafield Hospital, and a like sum for wounded sailors at Pilton Hospital. A discussion on trade matters followed

of Man pharmacist, and hoped pharmacists from that Island would attend the meetings whenever in Liverpool. The Association had had the pleasure of hearing his talented young daughter sing. Mr. Moreton Parry made a short statement on the sugar question. The Liverpool Food Committee, he said, had promised to increase the supply on the 1915 basis from 25 to 50 per cent. If any members had not already applied for supplies, he recommended them to do so without delay. Introducing Mr. Woolley, the President said he was making his first public appearance as Editor of The Chemist and Druggist before this old Association, and in acknowledging his cordial reception Mr. Woolley said he regarded the engagement as a legacy from his late Editor. After the reading of the paper a vote of thanks was tendered to Mr. Woolley, and a resolution is to be sent to the Board of Trade in harmony with his recommendations.

London (E.).—The first meeting of the West Ham, East Ham, and Metropolitan Essex District Association of Pharmacists to be held at the Progressive Pharmacy Club took place on October 18, the chair being taken by Mr. F. W. Gwinn, who explained that the meeting was held there as an experiment. Mr. Lloyd proposed, and Mr. Rundle seconded, that the meetings be held at the Club till the end of the year, and this was unanimously agreed to. A letter was read from Mr. Woolcock relating to the advertisement of the West Ham Board of Guardians, and as it was felt the Council Ead not acted as the Association expected it to do, a Sub-Committee was formed with a view to joint action with the Secretary of the Public Pharmacists' Association. A leader in the "Pharmaceutical Journal" of October 13 was severely criticised by Mr. Kirkpatrick. The article in question referred to the representation of pharmacists at the recent Conference, and in making comparisons of representation the article stated that West Ham, with forty-four panel chemists, had two representatives. Mr. Kirkpatrick said that the West Ham panel consisted of fifty-four pharmacies, conducted by fifty-four pharmacists, for the dispensing of medicines, and four traders who, were supplying appliances only. He claimed that the statement, "Why should West Ham, with forty-four panel chemists, be allowed two delegates?" was grossly misleading, and that neither pharmacy nor any other craft could withstand the destructive influence of such half-truths. It would appear impossible for the writer of the article not to have been aware that the statement referred to was an inaccuracy. The meeting fully endorsed Mr. Kirkpatrick's remarks, and it was agreed that an emergency meeting should be held if necessary. Mr. Skinner then gave a most interesting and instructive address on microbiology. Messrs. Rundle, Soper, and Kirkpatrick took part in the discussion which followed, and a vote of thanks was accorded to Mr. Skinner.

London (S.W.).—A meeting of the South-West London Association was held at Lavender Hill on October 16, Mr. Goy (President) in the chair. There was a very poor attendance. Three new members were elected, one being Mrs. H. A. Mills, Dulwich. This brings the number of lady members to six. Mr. Hugo Wolff addressed the meeting on The Progressive Pharmacy Club. He opened by-emphasising the urgent need of such a body in pharmacy to-day to back the policy of the parent Society in matters that body cannot help us. He told how we lack the fundamentals of success in trade matters by sheer lack of organisation. He laid down distinctly the fact that the Club is in no way inimical to the Society, despite the efforts to prove the contrary pursued by the Society through the columns of the "Journal" and otherwise. He also urged all right-thinking pharmacists to join at once. A hearty vote of thanks, proposed by the President, was accorded Mr. Wolff for his lively and entertaining address. The question of "filching" the title "chemist" by other bodies was discussed, and a resolution condemning such action was passed with a view to its being forwarded to the Society.

London (W.).—The first meeting of the session of the Western Pharmacists' Association was held at the Frascati, Oxford Street, W., on October 18. The President (Mr. Shirtliff) took the chair, and in his introductory address referred to the postponement of the usual inaugural social function, expressing the hope that at a later date some other social event might take place. The Vice-President (Mr. Noble) read reports of the London Pharmaceutical Committee and the London County Executive Mr. E. T. Neathercoat then gave an address on Pharmaceutical Politics. He said that he did not wish to treat in detail the proposed new Insurance Tariff terms, but would mention that the Tariff had been greatly simplified and certain

difficulties and anomalies had been removed. Direct representation of chemists on the Pricing Bureau is sought; this we have at present in some instances, but not as a right. There had been rival schemes proposed in connection with the new Tariff: one early and open to investigation, and the other late and not subject to scrutiny. Pharmacists should not be misled by the attractiveness of any particular fee, but should examine each scheme carefully, point by point. There is a new organisation called the Progressive Pharmacy Club, and while all would be prepared to join a social club it was not so with a political club set up in open hostility to official organisation. Can there be any work for a new organisation that is not already being done by the official machinery? No one-doubted that the intentions were good, but there is no monopoly of wisdom or progressive ideas. The speaker admitted that the present organisation is not absolutely perfect, and then proceeded to outline a scheme of "Territorial Representation" incorporating the present existing Committees. One special point was that the Local Association should have a paid Secretary, thus to ensure the work being thoroughly done. An animated discussion followed, and Mr. Neathercoat was thanked for his address.

Manchester.—A Committeemeeting of the Manchester.

Manchester.—A Committee-meeting of the Manchester Chemists' Assistants' Association was held on October 11 at the Metro Café, when the following were elected honorary members of the Association: Mr. Wm. Kirkby, M.Sc., Mr. W. Kirby, and Mr. J. Woodhead. A whist tournament has been arranged for November 21 at the Clarion Café, Market Street. Tickets (including refreshments), 1s. 6d. each. can be obtained from the Secretary, Mr. D. Abrams, 162 Elizabeth Street, Cheetham, or any member of the Committee.

Sheffield.—The first monthly meeting of the Sheffield Pharmaceutical and Chemical Society was held at the Literary and Philosophical Society's Rooms on October 17, Mr. A. H. Culverhouse presiding. Mossrs. W. Gregory, L. S. M. Dawson, J. A. Johnson, and E. E Richards were elected members, Miss D. Blakely and Messrs. J. C. Brumpton and J. M. Parker associates of the Society, the President pointing out that it was very encouraging in a period like the present that the membership should be increasing. Mr. H. G. Williams reported on the interview with the Town Clerk with the hope of securing a seat on the Committee to deal with the Venereal Disease Act. As the Committee is composed for the present of City Councillors-only, it is not possible to place a chemist on the Committee, but if any outsiders should be brought in the chemists' case should receive full consideration. A discussion took place on the retailing of methylated spirit. The Secretary reported that he had approached Mr. W. C. Anderson, M. P., with a view of getting a more satisfactory arrangement. Several methylators are offering spirit on receipt of a signed undertaking not to sell except for medicinal purposes. Mr. J. Batey was called upon by the President to give his address on behalf of the Teachers' Campaign in support of Mr. Fisher's Education Bill, the main points being very ably put by the lecturer, who was cordially thanked for his address. A general discussion took place, and on the motion of the President it was decided to offer the hearty support of the Society to the Bill.

Sunderland.—The annual meeting of the Sunderland Pharmaceutical Association was held on October 18, when the following officers were re-elected: President, Mr. R. Anderson; Fice-President, Mr. W. McLaren; Hon. Treasurer, Mr. C. Hodgson; Hon. Secretary, Mr. E. R. Cherrett. A donation of three guineas was veted to the Parliamentary Representation Fund. The collecting-box for the Benevolent Fund was opened, the contents amounting to 2l. 10s. The Treasurer's balance-sheet and the Secretary's report were read and adopted.

Wallasey.—The newly formed Wallasey Pharmacists' Association opened the session on October 17 with a social gathering held at New Brighton, under the chairmanship of the President (Mr. Ernest S. Taylor). In spite of a very wet night there were about forty present, including Mr. T. Stephen Jones (President of the Birkenhead Association), Mr. D. H. Evans (Secretary of the Liverpool Association), in the unavoidable absence of their President), and a number of well-known Liverpool and Birkenhead pharmacists. Mr. W. J. Talantyre, who acted as accompanist, opened the programme with a pianoforte selection. Songs were given by the President, the Vice-President (Mr. C. Wherley), and Messrs, T. Blair, R. F. W. Robinson, J. G. Thompson, and J. Wood. A humorous and topical ventriloquist dialogue by Mr. W. Carter was greatly appreciated, and a series of clever, character-sketches by Mr. Seriol Forde was the feature of the evening.

### Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

ARMY DENTISTS.

There are 517 commissioned dental officers in the Army. INCOME-TAX.

Mr. Bonar Law stated on October 18 that a Bill to consolidate the existing income-tax law will shortly be introduced in the House of Lords.

FOREIGN COMPANIES.

Mr. Wardle informed Captain Wright on October 18 that the question is under consideration of introducing special legislation dealing with foreign companies trading in the United Kingdom whose shares are in the form of share

MINISTRY OF HEALTH.

Mr. Bonar Law on October 18 stated that the difficulties meding to be provided for in the establishment of a Ministry of Health have not reached any widely agreed solution, and so long as this is so it is not possible to undertake to introduce a Bill for the purpose.

SYNTHETIC INDIGO.

The President of the Board of Trade-our Parliamentary correspondent is informed—is being questioned in the House of Commons next week as to whether German synthetic indigo is finding its way into the United Kingdom through Switzerland, and as the manufacture of that country.

AFTER-WAR INDUSTRIES.

Mr. Kellaway, Joint Parliamentary Secretary to the Ministry of Munitions, informed Major Chapple on October 18 that a Committee was set up some time ago to consider, among other post-war problems, the extent to which munitions factories and plants could be adapted to commercial purposes. mercial purposes.

BONDED STOCK.

It was stated in the House of Commons on October 18 that the following stocks were held on September 30: Homemade spirits in bonded warehouses of the United Kingdom, 129,603,000 proof gals.; tea, 36,416,000 lb., against 118,663,000 lb. on September 30, 1916; unrefined sugar, 3,914,000 cwt., against 2,112,000 cwt. at the corresponding period of last year.

SICKNESS BENEFIT.

Sir Edward Cornwall on October 19 stated that Approved Societies are not entitled to refuse Sickness Benefit to insured persons on the ground that their illness has been due to air-raids unless the case was one in which the Courts would hold that the injury received in the air-raid had arisen out of and in the course of the member's employment. In that case the matter would be one for compensation and on the Workney's Compensation and on the Workney Compensation and on the Compensa under the Workmen's Compensation Act, and in accordance with the provisions of Section 11 of the National Insurance Act, 1911, benefit would not properly be payable.

METHYLATED SPIRITS (LICENCE-DUTY).

The Chancellor of the Exchequer was asked by Mr. Anderson whether, in view of the fact that the Ministry of Munison whether, in view of the fact that the Ministry of Muni-tions prohibit the sale of methylated spirit except in most urgent medical cases and for the production of munitions, he proposed to remit the licence-payment now made by pharmacists until they are again free to trade. In his reply Mr. Baldwin said in the special circumstances the Chan-cellor is prepared to authorise the remission of the whole or part, as the case may require, of the payment made if it can be shown that the trader is unable to obtain his supply of methylated spirit and has in consequence discontinued of methylated spirit and has in consequence discontinued the sale.

MR. R. J. REUTER.

MR. R. J. REUTER.

Colonel Sir J. Norton Griffiths on October 18 asked the Home Secretary whether he is aware that a Mr. R. J. Reuter, who registered as a Finn, and who before the war was an importer of German cau de Cologne, who is married to a German wife said to be in sympathy with the King's enemies, and who has a brother in the German Navy, resides within half a mile of Brooklands aerodrome; and what steps the Government proposes to take in the matter? Sir G. Cave, in reply, said that Mr. Reuter is a native of Finland, and possessed Russian nationality when he became naturalised as a British subject in 1904. The facts as to his residence tare as stated, and the case has engaged the attention of the proper authorities, but no facts calling for action have come to knowledge.

[Particulars regarding Mr. Reuter's nationality were given in the C. & D., August 15 and 22, 1914.—Ed.]

MORPHINE MATTERS.

In the House of Commons on October 22, Sir William Collins, M.P., asked the President of the Board of Trade whether Indian opium is now largely used in this country, in place of opium of Turkish or Persian origin, for the manufacture of morphia and officinal preparations; and if he can state how much opium was used for these purposes in the result of the country of t he can state how much opium was used for these purposes in the year 1916, and what were the sources from which it was derived. Mr. Wardle replied as follows: I am informed that for the last eighteen months Indian opium has been practically the only description available for morphia-manufacture. Persian supplies being relatively insignificant. The following statement shows the total net quantity of opium retained for use and manufacture in the United Kingdom in 1913 and 1916, and the countries from which it was originally consigned: which it was originally consigned:

Net Imports of Opium Retained

					1913.	1916.	
	Consigned	originally	from		lb.	lb.	
,	India	•••		 	4,824	437,237	
	Persia			 	35,020*	82,362	
	Turkey	,		 	270,123	<b>25</b> ,843	
	Other	Countries		 	45,393	15,237	
					285,320	560,679	

\* Exports in excess of imports.

On the following day Sir William asked whether any understanding has been come to with the Japanese Government on the lines of the International Opium Convention of 1912, whereby the export of morphine manufactured in Great Britain will be restricted as regards its distribution in the Few Feet to the form additional purposes only. in the Far East to use for medicinal purposes only. In reply, Lord Robert Cecil said licences to export morphia reply, Lord Robert Cecil said licences to export morphia or cocaine from this country to Japan are not granted unless they are accompanied by certificates from the Japanese Home Office or from the Japanese authorities of the Kwantung leased territory, to the effect that the morphia and cocaine is for actual consumption in Japan or in Dairen and its vicinity, and is for medical purposes only. A notice to this effect was published in the Board of Trade Journal on October 11 after communication with the Japanese Government. The Japanese Government have issued the necessary instructions for the prevention of the Japanese Government. The Japanese Government have issued the necessary instructions for the prevention of smuggling of these drugs and for the exercise of due control in a r cases.

# Business-names Registrations.

BLODWEN MORGAN, dealer in pills, 53 Croftdown Road, Highgate, N.W. Proprietor: John J. Ryan.

BOROUGH PACKING Co., chemists and sundry packers, 18 Cambridge Street, Tunbridge Wells. Proprietor: Ernest Watson. Other business name: Watson & Co.

MAESYCWMMER CHEMICAL Co., wood distillers, etc., Maesycwmmer, near Cardiff, Mon. Proprietor: Montague M. Williams, of Walter H. Bunn & Co., 4 Fenchurch Avenue, London, E.C. 3, also trading as The Brownhills Wood Distilleries, Brownhills, near Walsall.

MICROBOL Co., disinfectant dealers, Union Bank Buildings, High Street, Southampton. Proprietor: Walter J. Warren.

POLIENTA MANUFACTURING Co., cattle-food and medicine dealers, 97-99 Oxford Road, Reading. Other business name George Dunlop and Son. Partners: Martha A. Dunlop, Harry George Lear, and Fred H. Tuxworth.

RADIO REMEDY Co., patent medicine vendors, 3-4 Winchester Street, London, E.C. Proprietor: Albert, E. Behde. Other business occupation: Chemist's assistant.

REGGATES TOLLET Co., shaving soap, and powder manufacturers, etc., 19 Railway Approach, Clapham Junction, London, S.W. Partners: Joseph P. Wartski and Emanuel A. Hart. Other business occupations: Dealers in surgical appliances, chemists' sundries, ctc., at the same address.

MICURE, "oil preparers for above manufacture," 65 Edith Street, Northampton. Proprietor: George RHUMICURE,

SEDENTARY REMEDIES Co., medicine and toilet-preparation dealers, 139 Pentonville Road, London, N. 1. Proprietor: George H. T. Arnold.

VEGEOL" Co., proprietary goods manufacturers, 14 Hilda Road, Brixton, London, S.W. 9. Proprietor, Ernest A. Allen.

LIQUID PARAFFIN is being used with excellent results in the treatment of war-wounds. It is not an antiseptic.

### Legal Reports.

Glucose in Golden Syrup.—At Hull on October 18, Mr. John W. Fox, grocer, Holderness Road, Hull, was fined 21s. for selling as golden syrup an article found to contain 60 per cent. of starch glucose.

Sale of Robinson's Groats.—At Cardiff City Police Court on October 18, Mr. Edward Edwards, chemist, Roath, Cardiff, was charged with selling Scotch oatmeal at a price in excess of that laid down in the Food Controller's Order. nn excess of that laid down in the rood continuers of order. Defendant sold a 1-lb. tin of Robinson's patent groats at 1s. and a ½-lb. tin at 6d. Defendant pleaded ignorance of the Order, which limited the price to 11d. per lb. Mr. W. L. Yorath, for defendant, said that a new Order has been issued giving authority to tradesmen to charge a higher price for the oatmeal. Defendant was ordered to pay the

costs.

Caustic-soda Contract.—At Bury County Court last week, P. Wolfenden Holt, trading as the Holt Dye and Chemical Co., Mawdsley Street, Bolton, made a claim against Fr'd Simpson, colour and chemical manufacturer, Radcliffe, for a declaration that a contract made on or about June for the purchase by the defendant from the plaintiffs of sixty-eight drums of caustic soda was a valid contract. Mr. Sandbach, for the respondent, raised the question of jurisdiction. He contended that as the total amount concerned was 352L it was outside that court where the limit was 100L. Mr. Brocklehurst, for the plaintiffs, said the Court Fad jurisdiction up to 500L in equity, and he said that this was an equity case. His Honour held, however, that he had no jurisdiction.

Cream of Tartar.—At Farnham, Mr. R. C. Harrison, Beacon Hill, Hindhead, was summoned for having sold cream of tartar not of the nature and quality demanded. Mr. C. H. Kirby (Messrs. Neve, Beck & Kirby), who de-

cream of tartar not of the nature and quality demanded. Mr. C. H. Kirby (Messrs. Neve, Beck & Kirby), who defended, set up the defence that the invoice of the goods bore the following inscription: "We guarantee every article labelled 'B.P.' to comply with official requirements as far as possible, and all other articles as genuine unless otherwise suggested." The Magistrates upheld the contention that the label constituted a warranty, and dismissed the summons. The analysis showed that the sample contained 300 parts of lead per million, equivalent to 2.1 gr. per lb., while purified cream of tartar should not contain more than 0.14 gr. of lead per lb. according to the British Pharmacopeia.

Pharmacopœia. A Bookkeeper's Duties .- In the City of London Court on October 16, before his Honour Judge Rentoul, K.C., a claim was made by Boris Goldberg, bookkeeper, 32 Marquess Road, Canonbury, against L. Rozen & Co., drugmerchants, 36 and 37 Mincing Lane, E.C., for 21l. salary due. In May of last year, when the plaintiff was suddenly dismissed without notice, he was informed by the defendant that he had not sent to the bank some documents connected with he had not sent to the bank some documents connected with the sale by the defendant of senna to the value of 4,600. which was going to America. Defendant wanted an advance from the bank on the senna, and that was only possible if the documents were lodged with the bank in such time that they could arrive in America, where the goods were going, before the goods themselves got there. Plaintiff pointed out to the defendant that it was not his duty as bookkeeper and foreign correspondent to send shipping documents to the bank. He was without employment for seven weeks, and he claimed 21. Defendant, in his evidence, stated that there was no doubt that an imthe sale by the defendant of senna to the value of 4,600l. his evidence, stated that there was no doubt that an important part of plaintiff's duty was to see that shipping documents were sent to the bank when necessary. Judge Rentoul said he was in doubt as to how to settle the case, and adjourned it until October 25.

### New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

FRANKLANDS, Ltd. (P.C.).—Capital 25,000l. Objects: To take over the business carried on at Paddock Dye-works, Clayton, near Bradford, as "A. Frankland." R.O., Paddock Dye-works, Clayton, near Bradford.

SAXON CHEMICAL Co., LTD. (P.C.). — Capital 5,000l. Objects: To take over the business of chemical manufacturers and drysalters carried on by W. H. Maddocks, G. Schofield, and T. O. Roberts at Sion Street, Radeliffe, as the "Saxon Chemical Co." Solicitors: Clayton, Horsfield & Clayton, Market Chambers, Radeliffe.

Societe Anonyme d'Hydrogenation.—Capital 2,000,000f. Objects: To acquire inventions relating to the hydro-

genation, solidification, and treatment of oils and fatty substances, etc. R.O., Marseilles. The British is 27 Tothill Street, London, S.W. Directors: R. Brunner and J. Gold (representing Brunner, Mond & Co., Ltd.), G. Hund. (representing J. Crosfield & Sons, Ltd.), S. Van den Bergh and the Hon. Victor Grosvenor (representing Van den Berghs, Ltd.), A. Jurgens and G. Jurgens (representing Jurgens, Ltd.), and J. P. Colltt (representing Hydrogenators Ltd.).

A. & F. Pears, Ltd.—The directors report that the net profit for the year ended June 30, 1917, was 90,7381. 12s. 9d., and with the amount brought forward from 1915-16 (25,0291. 18s. 8d.), makes a total of 115,7681. 11s. 5d. Out of this amount payment has been made of the following dividends and debenture interest for the year ended June 30, 1917, and 20,000 (2000). dividends and debenture interest for the year ended June 30, 1917—viz., on 200,000%. 5 per cent. debenture stock at the rate of 5 per cent. per annum, 10,000%, on 20,000 6-per-cent. cumulative preference shares of 10% cach at the rate of 6 per cent. per annum, 12,000%, on 320,000 12-per-cent. cumulative preferred ordinary share; of 1% cach at the rate of 12 per cent. per annum, 38,400%; on 150,000 ordinary shares of 1% each at the rate of 20 per cent. per annum, 30,000%; amount to be carried to reserve is 5,000%, lcaving a valance to be carried forward of 20,368%. 11s. 5d.

British Dyes, Ltd.—The annual report of British Dyes, Ltd., states that the issued share and loan capital on April 30, 1917, consisted of 942,069 shares of 1\(\ell\). each, 15s. per share called up—942,069\(\ell\).—loan from Government 1,142,069\(\ell\), making a total of 2,084,138\(\ell\). The directors regard the result of the year's trading as very satisfactory, and they recommend a dividend at the rate of 6 per cent. per annum, which is the maximum ameunt allowed. The production of dyes continues to be limited by the shortage production of dyes continues to be limited by the shortage, caused by the war, of certain materials, but, notwithstanding this, the supply throughout the year has been increased and the variety of dyes extended. An extensive plant for the production of azo colours has been completed, and is now in operation. The production of methylene blue has been largely increased, and the output of mordant colours of the type of khaki yellow, green, and brown is now sufficient to meet the demands. Important installations for the manufacture of intermediate products, including paranitraniline and betanaplithol, have been completed. of the manufacture of other products are being proceeded with as rapidly as possible. The staff of technical chemists is being steadily increased, and now numbers well over 100. The need for the employment of greatly increased capital is emphasised by the fact that the recently published accounts of five of the German dye-manufacturing firms show assets which amount in the aggregate to upwards of 35,000,000L, including cash resources of approximately 10,000,000L. 10,000,000%.

BRITISH GLASS BOTTLES, LTD.—The first annual meeting was held at 24 The Strand, Derby, on October 19. Among those present were Mr. L. W. Wilshire (chairman), Messrs. F. W. Hampshire, B. Sales (London), and A. C. Gosling (directors), W. Bowman (secretary), and a number of shareholders. The Chairman, in proposing the adoption of the report said that the company was a direct outcome of way. holders. The Chairman, in proposing the adoption of the report, said that the company was a direct outcome of war conditions. At the outbreak of hostilities local bottle-users found their supplies cut off, from the fact that the manufacture of these goods had been allowed to drift into the hands of enemy firms, and for a time the position was serious. In self-defence Mr. Hampshire commenced manufacturing in a small way at Kilburn, but it was soon found that there was a steady and increasing demand for such goods in the district, and the present company was organised to deal with the extensions needed. The result had exceeded anticinations. In seconding the adoption of the report, Mr. Hampshire referred to the difficulties experienced in placing upon a sound footing a manufacture of so technical placing upon a sound footing a manufacture of so technical a character. When the company was formed it was the intention to erect a complete and up-to-date plant for glassmanufacture, and a suitable site in Derby was provisionally manufacture, and a suitable site in Derby was provisionally secured for the purpose, but the restrictions imposed by the Government on building operations were of such a nature that this project had to be relinquished for the time being, and efforts were therefore concentrated on the development of existing plant. Larger furnaces were erected, and the company were now producing goods in large quantities for some of the chief bottle-users in the country. At present there was sufficient work in hand on standing orders to employ continuously the whole of the standing orders to employ continuously the whole of the the prospects were distinctly encouraging. The report, including the payment of a dividend of 7 per cent, on the preference shares and 10 per cent, on the ordinary shares, was adopted.

### Marriages.

Morson-Phene.—At St. James's, Spanish Place, London, W., on October 20, by the Rev. A. Whittacre, Temporary Surgeon A. Clifford Morson, F.R.C.S., R.N., second son of Mr. Thomas Pierre Morson, chemist and druggist (Thomas Morson & Son, Ltd.), and Mrs. Morson, 16 Elsworthy Road, N.W., to Adela Frances Maud, daughter of the late Mr. Lincoln Phene and of Mrs. Phene, Ryde.

Warburton—Howarth.—At the Parish Church, Haslingden, on October 9, William Percy Rudolph, eldest son of the late Mr. William Warburton, chemist and druggist, Ramsbottom, to Gertrude Mary, eldest daughter of Mr. George Howarth, Haslingden.

### Deaths.

DEWING.—At Grimsby, on October 18, Mr James Dewing, father of Mr. Charlos Dewing, chemist and druggist, Old Market Place, Grimsby.

Holden.—At Tunbridge Wells, on October 20, suddenly, from cerebral hæmorrbage, Mr. A. Edward Holden, Euro-



MR. A. E. HOLDEN.

pean manager for Fairchild Bros. & Foster, New York, aged fifty-seven. Mr. Holden was born in Canada, and gained his first business experience in pharma-cies in Norwich and Paris—both in tho province of Ontario. He graduated from the Montreal Colloge of Pharmacy in 1884, and in the same year won the gold medal of the College. Soon afterwards he joined the staff of Fair-child Bros. & Foster, and represented that firm for more than thirty years. In 1896 their European in-terests demanded terests demanded Mr. Holden's pre-sence in England, and from that time onwards he made his home here, visiting Canada and the

United States every year. It was from one of these annual visits (at which the twenty-fifth anniversary of his firm had visits (at which the twenty-fifth anniversary of his firm had been appropriately celebrated) that he returned with the scheme for the Fairchild Scholarship and Prizes. It will be recalled that business knowledge is one of the examination subjects; and Mr. Holden filled the office of Secretary to the Committee of Trustees from its inception. He was also one of the organisers of the Fairchild Lectures on "Essential Oils," established through the generosity of Mr. Samuel W. Fairchild, and delivered by Sir W. A. Tilden, Mr. John C. Umney, Ph.C., F.C.S., and Professor W. H. Perkin, F.R.S. In 1908 Mr. Holden was installed Worshinful Master of Columbia Lodge, to which belong many members of the craft from Canada and the United States. In the following year he contributed to the Students' Corner of the C. & D. a page of characteristic advice which, read between the lines, in some measure explains the success of his own career. His popularity was not less great than his success. In the words of a personal friend, "Holden's gentle and kind disposition, unselfish character, and thoughtfulness for others had endeared him to many hearts."

NORTHAM.—At 19 St. Bride Street, Tordon, E.C., on

NORTHAM.—At 19 St. Bride Street, London, E.C., on October 17, Mr. W. F. Northam. Mr. Northam, who had been connected with The American Commerce Co., Ltd., for nineteen years, died suddenly at the company's office from heart-failure.

NURSE.—At 112 Unthank Road, Norwich, on October 16. Mr. William Soulby Nurse, chemist and druggist, aged seventy-nine.

PRINGLE.—At the Royal Infirmary, Glasgew, on October 12. Mr. James Pringle, chemist's assistant, aged forty-two. Mr. Pringle, who had for several years been with

Mr. Charles Hunter, chemist and druggist, Dunblane, was entering a train at a Glasgow station when he slipped and fell, receiving fatal injuries.

Probyn.—On October 22, Mrs. Hannah Anne Fell Probyn, the dearly beloved wife of Lieutenant-Colonel Clifford Probyn, D.L., J.P. (Hooper, Struve & Co., Ltd.), aged seventy.

Sanderson.—At 1 Clifton Villas, Sunderland on October 15, Mr. William Sanderson, chemist and druggist, aged seventy-one.

Thow.—At Stratford Road, Sparkhill, Birmingham, on October 16, Mr. Alfred Gibson Trow, chemist and druggist and dentist, aged sixty-nine. Mr. Trow opened a pharmacy in Smallbrook Street, Birmingham, nearly fifty years ago, with dentistry as an addition, but ultimately relinquished the combined business for dentistry alone.

### Died on Service

CLARKSON.—Private Stephen Clarkson, Lancashire Fusiliers, has been killed in action. Prior to enlistment he was with W. H. Cowburn, Ltd., manufacturing chemists, Manchester.

COCKCROFT.—Private Willie Cockcroft, R.A.M.C., has died of an internal malady while on his way home from India. In civil life he was with Taylor, Ormerod & Son, Ltd., manufacturing chemists, Walsden.

CURTIN.—Private P. Curtin, R.A.M.C., has been killed in action. Private Curtin, who was a chemist's assistant in Midleton, cc. Cork, prior to enlistment, was recently awarded the Military Medal.

DOUTHWAITE.—Sapper Perceval F. Douthwaite, R.E., third son of Mr. G. L. Douthwaite, chemist and druggist, Hainton Avenue, Grimsby, has been accidentally killed on service in France by an explosion.

on service in France by an explosion.

Ferris,—Lieutenant Henry Norman Ferris, Gloucestershire Regiment, was killed in action on October 9, aged thirty-five. Lieutenant Ferris was, till he joined the Forces, secretary and manager of John Timpson & Co., Ltd., Golden Lano, London, E.C., and had been with the firm for fourteen years, during which time his kindly nature and gentlemanly character had endeared him to all his colleagues. The directors and the staff feel his death keenly. His colonel writes that he was shot by a sniper and killed instantly, to the grief of the whole battalion.

Gorey.—Private T. Gohey, Manchester Regiment, has

GOBEY.—Private T. Gobey, Manchester Regiment, has been killed while on duty as a stretcher-bearer in France. For many years he was with Timethy White Co., Ltd., at the Chichester branch.

GRAY.—Private Gilbert Gray, Royal Scots Fusiliers, has been killed in action. Prior to enlistment ho was with Mr. G. D. Thomson, chemist and druggist, Ferry Road, Leith.

HOLMAN.—Rifleman W. E. Holman, London Regiment, has been killed in action. Prior to enlistment he was with John Timpson & Co., Ltd., Golden Lane, London, E.C. JONES.—Lance-Corporal R. H. Jones has been killed in action. He enlisted in 1914 from the audit staff of the United Alkali Co., Ltd., Liverpool.

RAMSBOTTOM.—Lance-Corporal Jim Ramsbottom, Lancashire Fusiliers, was killed on service on October 9, aged twenty. Before joining the Forces he was an assistant with Wallow & Pilon Ltd. Porce he was an assistant with Waller & Riley, Ltd., Rock Street, Bury, Lancs.

SERGEANT.—Private A. Sergeant, Australian Infantry, was killed in action on September 20. In civil life he was with John Timpson & Co., Ltd., Golden Lane, London, E.C. WARBURTON.—Rifleman T. Warburton, King's Royal Rifle Corps, has been killed on service, agcd forty. He chlisted from the staff of Joseph Crasfield & Sons, Ltd., Warrington,

WORTH .- Sergeant-Major William Harry Thorne Worth. Honourable Artillery Company, was killed in action in France on October 10, aged twenty-six. Sergeant-Major Worth was a pharmaceutical chemist.

NUTROSE used in bacteriological cultures can be advantageously replaced by a mixture of peanut-flour 94 parts, casein 5 parts, sodium carbonate 1 part.

Casein 5 parts, sodium carbonate 1 part.

Mr. James Hawke Dennis, of J. H. Dennis & Co., Ltd.,
Liverpool, chemical manufacturer, left unsettled estate of
the value of 655,592l., of which 602,045l. is net personalty.

Mr. Henry Prosser Turner, chemist and druggist.
Lydney. Gloucester, who died on June 8, left estate valued
at 2,47rl. 17s. 8d. gross, with net personalty 2,047l. 14s. 5d.

Lieut. Kenneth Franklin Barratt, 2nd Batt. Middlesex
Regiment, Bell Moor, Hampstead Heath, who was killed
in action on July 1, 1916, younger son of the late Mr.
Thos Jas. Barratt (A. & F. Pears, Ltd.), left estate valued
at 131l.

### Trade Notes.

CREME SHALIMAR is the name of an attractively produced skin-cream made by Dubarry et Cie, and issued through the Standard Tablet Co., Hove, whose advertisement appears in this issue.

MINOR STUDENTS, among others, will be interested in a novel advertisement in this issue giving the record to date of the Northern College of Pharmacy, 100-102 Burlington Street, Manchester.

PERFECTUM is the name of a brand of tooth-powder put up in two sizes by Arthur Berton, Ltd., 15-17 Worship Street, London, E.C. Further particulars appear in an advertisement in this issue.

ATTENTION is called by D. & W. Gibbs, Ltd., City Soapworks, London, E. 1, to the great demand that has arisen for their shaving-soap in tins and sticks. Early application for supplies is requested.

STRIPED SEALING is a wrapping-paper in various shades, 20 in. × 30 in., advertised in this issue by Mr. James F. Wilkinson, Bury Street, Pendleton, Manchester. Samples are sent on receipt of postcard.

DENTAL MECHANICS.—Irish chemists and druggists in particular will be interested in the fact that Mr. D. Blackwood, 54 English Street, Armagh, is open to undertake reechanical dental work for them.

A POPULAR THROAT-PASTILLE.—Thos. Guest & Co., Ltd., Ancoats, Manchester, give particulars in their advertisement in this issue of an attractive red-gum pastille at a popular price. Sample is forwarded on application.

BOVRIL BONUS .- October 31 is the last day to which the payment of a 5-per-cent, bonus is made on the gross value of all orders for bovril. See the announcement in this issue of Bovril, Ltd., 148-166 Old Street, London, E.C.

THE GOLDEN SERIES.—A. & F. Pears, Ltd., call special attention to the following lines in the Golden Series of toilet-requisites: Pears' toilet-cream, which sells at 1s. 3d. per tube; Pears' dental powder; and Pears' solid brillian-

TEA TABLETS and similar portable comforts for the Front are manufactured in various sizes of this by Dols & Co., Ltd., Huddersfield, who request, in their advertisement appearing in this issue, early application for Christmas

DRY BATTERIES.—Pifco, Ltd., High Street, Manchester, inform us that the demand for batteries for electric torches is much greater than can be supplied, and the company ask for the consideration of their customers in the present

"ONE-DROP" PEFFUMES.—The advertisement of B. W. Hair & Son, wholesale druggists, 104 High Holborn, London, W.C. 1, which was referred to in this column last week, will be found in this issue. The firm offer to send a sample to any chemist who applies.

a sample to any chemist who applies.

SPECIAL BONUS OFFER.—Harley's Three Salts, a proprietary on the P.A.T.A., is offered on special terms from November 12 to 26 inclusive. Particulars will be found in the advertisement of Mr. Thomas Harley, manufacturing chemist, Perth, appearing in this issue.

PROTECTED PERFUNERY.—As will be seen from an advertisement in this issue, the perfumery of L. T. Piver, Paris, whose London dcpôt is 9-10 Edward Street, Soho, W. 1, is on the P.A.T.A., and thus secures a reasonable margin of profit to the seller. The assortment mentioned is a large one. Losally's Salt.—Lofthouse & Saltmer, wholesale and

LOSALI'S SALT.—Lofthouse & Saltmer, wholesale and exports druggists, Hull, inform us that they have altered their prices of Losall's Salt, and in future the small tins will retail at 9d., large tins at 1s. 6d., and bottles at 1s. 6d., the wholesale prices being 6s. 6d., 13s., and 13s. per dozen. pet respectively

ROBINSON'S GROATS.—In view of the prosecutions of chemists for selling Robinson's patent groats at a higher price than is fixed for oatmeal under the Oat, and Maize price than is fixed for oatmeal under the Oat and Maize Products (Retail Prices) Order, attention is called to the advertisement which appears in this issue, which states that the sale is now authorised by the Food Controller, subject to consumption being restricted as far as practicable to invalids and children, and to the retail price not exceeding 1s. per lb. tin, 6d. per ½-lb. tin, 3d. per ½-lb. packet. A warning note in regard to the matter was given in the C. & D., September 22, p. 44, which put our sub-cribers on the qui vive.

PETROL AND ALCOHOL do not mix in all proportions, but petrol may be added to 95-per-cent. alcohol up to equal

### Personalities.

THE President of the Board of Trade has appointed Mr. Henry Birtles to be Registrar of Companies for England and Wales.

Mr. R. GLEDHILL, chemist and druggist, Westgate, Dewsbury, has been re-elected a Vice-President of the Dewsbury Chamber of Trade.

MRS. CHEETHAM, whose husband is serving with the Colours, has become a town representative of Corbyn, Stacey & Co., Ltd.

MR. ARTHUR LANDER, Ph.C., High Street, Canterbury, has been appointed to the judicial authority for the city under the Lunacy Acts.

COUNCILLOR L. B. ROWLAND, chemist and druggist, High Street, Wrexham, has been elected Mayor of the borough for the third year in succession.

SIR BOVERTON REDWOOD, Bt., Director of Petroleum Research, has been appointed Director of Technical Investigations in the recently created Petroleum Executive.

gations in the recently created Petroleum Executive.

Major-General H. F. Thullier, C.B., C.M.G., has been appointed by the Minister of Munitions to be Controller of the Chemical Section of the Trench Warfare Supply Department, St. Ermins, Westminster, London, S.W. 1.

Mr. Whlliam P. Evans, who has been elected chairman of Evans Sons Lescher & Webb, Ltd., Hanover Street, Liverpool, is the third son of the late Edward Evans, and brother of Sir Edward Evans, who died on Octo-

Evans, who died on October 10. He was born at Rockferry in 1858, and apprenticed in 1874 to his father's business. In 1911 he occupied the position of President of the Drug Club. Like other members of his family, Mr. W. P. Evans takes a leading part in public life. As Chairman of the Bidston (Cheshire) Parish Council and the Bidston Hill Management Committee, he played a leading part in the successful opposition to the Birkenhead Corpora-tion's effort to absorb Bid-Mr. Evans has two sons serving with



MR. W. P. EVANS.

Forces, another son (Lieutenant E. H. Sandford
Evans) having been killed in action last year. As
President for two years of the Liverpool Chemists' Association (with which he has been connected since 1876) he
has contributed greatly to the efforts-at promoting unity
and progress among the chemists of the district, his services in this connection alone having been of incalculable
herefit. It is hoped that when peace returns he may still benefit. It is hoped that when peace returns he may still be the President, and that to him will fall the task of welcoming to Liverpool the British Pharmaceutical Con-

## Information Department.

### INFORMATION WANTED,

Postal or telephone information with respect to makers or firsthand suppliers of the undermentioned articles will be appreciated.

166/21. Allchin's smelling-salts. 165/6. Makers of cardboard167/24. Knight of Malta red- boxes suitable for putting up rubber spray. 164/12, "Russian Tar" soap. cocoa.

### INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4:

"Aldoform" tablets, 159/29
Alumina sulphate, 153/73
Doan's backache pills, 144/54
Dorin, Paris, London agents,
143/54

Injection Brou, 151/36 "Jelco" truss, 155/1 "Kasemol;" 156/12

n Street, London, E.O. 4:
Morse's Indian root pills, 138/3
and 144/54
Payne's reagent, 147/49
Synthetic milk, 158/42
"Telmo," 142/53
Thymol tooth-paste, 159/20
Wilkinson's sarsaparilla, 145/45
"Zymol" tablets, 130/72

# Observations and Reflections. By Xrayser II.

The Setting-up of a Ministry of Health,

George, must be postponed till after the war. Looking at the subject from a selfish point of view only, pharmacists may welcome this announcement. Such a Ministry is badly needed, but it will entail great expense, and our claim to increased remuneration as State dispensers would have a poor chance of a sympathetic hearing if it synchronised with the introduction of the new scheme. There is the more reason on this account for a vigorous attempt to establish our claim at once. We shall be in a very much better position for securing consideration under the new scheme when it is introduced if we have in the meantime justified our past contention. "To them that have shall be given" is as true now as it ever was.

### An Assistants' Examination,

said the President in his address to the Manchester Pharmaceutical Association, is a delusion, and has only to be thought out to its logical conclusion to be discarded. He gave no reason for this opinion, which, put forth in this dogmatic fashion, is a little startling in view of the facts that such an examina-tion is sanctioned by our Charter, was provided for in the Pharmacy Act of 1852, and is actually in existence in Ireland. Before discarding the idea it would be well to inquire how it works there. Apparently it has not done much for the financial position of the Irish assistant, but this may be because it is not a compulsory condition of employment as an assistant, as logically it ought to be. The Irish pharmacist, nowever, must surely find it an advantage to have such a guarantee of compètence in the man he employs as the fact of having passed an examination gives him, and there is the additional great advantage of not requiring a locum-tenens to take charge of his business in his own absence. What, if any, are the countervailing drawbacks? As the President does not say, perhaps some of our Irish friends will enlighten

### Mr. Hugo Wolff,

speaking of the trade side of pharmacy at Bradford, talked very good sense for the most part, but he mixed a little nonsense with it; as, for instance, in comparing the takings of a pharmacist with those of a draper, and suggesting that instruction in salesmanship ought to be a part of a chemist's training for qualification. Such instruction ought to be part of his training as an apprentice, if that is what was meant, but it has nothing to do with the question of qualification in the legal sense. As for the other point, it is manifestly impossible for us to rival the draper in turnover, and 1 am not convinced that the draper's manner and methods are so applicable to our business as Mr. Wolff seems to think. When one is dealing mainly in necessaries the possibilities of sales by suggestion are obviously more limited than where luxuries are concerned. Doubtless there is a link of connection between rhubarb pills and toilet-rolls, but it would be difficult to indicate it diplomatically. And considering what small items our sales consist of, it is hardly worth while to spend much time over any one transaction. In short, though the principles laid down by Mr. Wolff were excellent, it would be very possible to press them too far in our business. Salesmanship is only a part of it, and, using the term in its ordinary sense, not the most important part either.

### Mr. Sargeant's Violent Attack

on the Progressive Pharmacy Club at Leeds is much to be deprecated. Mr. Neathercoat spoke with more moderation, but even he showed a disposition to regard the formation of any political organisation outside of the Society as a sort of lèse-majesté. This is unreasonable; a party of opposition is not necessarily a disloyal party, but has often proved a strengthener of the hands of Government. The adoption of

the P.P.C. proposals as a minority report certainly would have that effect in the case before us. (By the way, the words "this Tariff" in my last week's note on the two proposals ought to have read "the P.P.C. Tariff.") As for Mr. Sargeant, it is difficult to see what good end he thinks to serve by exacerbating the bitterness that has been imported into this business. There may have been sinners in this respect on the other side, but Mr. Sargeant does his best to justify the strongest language and the most extreme measures that have been employed. If he accurately reflects the official temper and attitude, there is little hope of peace in our borders.

Uniformity of Result

in the dispensing of any given prescription, by whomsoever dispensed, ought to be generally aimed at, and this fact supplies an answer to a question put to me by a friend, and that may have occurred to others. as to the course to be followed in view of the shortage of glycerin. In August last the Insurance Committee for the county of London put forth a circular (S. 27) to the effect that in twelve preparations of the London Insurance Pharmacopeia in which glycerin or syrup is ordered, mist. tragac. chlorof., or, in the case of three of them, a double-strength chloroform-water only, is to be used instead. My friend's question was whether, since he had a sufficient stock of glycerin, and this gives a more satisfactory result than the substitute ordered, he is not at liberty to go on using it. The answer seems to me clear; not only is he definitely instructed to employ the substitute (which is now indeed temporarily the official ingredient), but it is most undesirable in the interest of pharmacists as a body that there should be any noticeable variation in the dispensing of any prescription, such as there would be if some chemists used one thing and some another. The principle is of wider application than to this particular case.

Effervescing Citrate of Magnesia,

or its analogue, is not in these days an article of much importance, its place having been taken by the hosts of "salines" with which we are all familiar. The paragraph reprinted in your weekly Retrospect is interesting as being one of the first intimations that the so-called granular citrate was not what it professed to be, and possibly this very discussion brought to the notice of the food and drugs inspectors of a few years later one item on which they might hope to found a promising case. The names quoted in your paragraph are those of men who were prominent in pharmacy fifty years ago, and it is curious to observe that Deane and Hanbury took one side, and Brady and Schacht the opposite, on the question of the use of the term citrate of magnesia. This cleavage of opinion foreshadowed what actually took place later in the big fight in the law courts, the only effect of which was to cause chemists to scrap a few labels and get others printed. The citrate itself remained unaltered, and the public were not affected in the slightest degree one way or the other.

### "Lock Salmon"

has been supposed to be a corruption of "lac ammon.," which is very unlikely. I suggest that it comes from "Lohoch sanum." Lohoch is very variously spelt; such forms as "loc," "loche," look," "looch" are common, and Lohoch sanum, a very old preparation, attributed in fact to Mesue, was adopted into our, Pharmacopæia and entered into the composition of other preparations of the kind, some of which were white and some red—see Salmon's "Praxis Medica." Lohoch sanum itself was a very composite affair, containing hyssop, calamint, jujubes, sebestens, raisins of the sun, figs, dates, linseed, fœnugreek and fennel seed, aniseed, maidenhair, orris-root, liquorice, cinnamon, barley sugar, pinenuts, swect almonds, and gums tragacanth and arabic. These were boiled in water to the consistency of a thick syrup, lohochs being about midway between syrups and electuaries. The name is from an Arabic verb meaning to lick. Two lohochs survived, I believe, in our Pharmacopæia until 1746. The Edinburgh book had seven.

# Peroxide of Hydrogen

(H<sub>2</sub>O<sub>2</sub>)

### KINCZETT'S PRESERVED QUALITY.

INVALUABLE

- 1. As a wash for wounds, ulcers and sores.
- 2. For use in midwifery cases.
- 3. As a gargle in cases of sore throats.
- 4. As a mouth-wash.
- 5. For application in cases of bites from venomous insects.
- 6. For removing fruit stains from linen.
- 7. As an air purifier (by spray), &c.

### SOLD IN 10 VOLUMES STRENCTH, AND PUT UP IN

16-oz. bottles, retailing at 1/6 each.
8 ,, 1/- ,,

Also in Bulk.

Trade Prices and Leaflet on application.

The "SANITAS" Co., Ltd., Limehouse, London, E. 14.

# BRITISH ABSOLUTE ALCOHOL

Jas. Burrough Ltd. D.1. Cale Distillery, Hutton Rd., LAMBETH, S.E. 11

Helchers' Concentrated Liquors

offer a perfect alternative to the discarded B.P. Tinctures and Syrups.

FLETCHER, FLETCHER & Co., Ltd., HOLLOWAY, LONDON, N.

# Editorial Articles.

### Avoided Trade-marks.

Much has been said and written-sometimes, it is feared, under enemy inspiration-upon the surmise that a resuscitation of avoided trade-marks may be effected after peace is declared. It is true that the terms in which the official intimation of the avoidance of a trade-mark is conveyed admit the possibility of restoration: "The said trade-mark shall, unless and until the Board of Trade shall otherwise order, be avoided." Careful consideration, however, of the data upon this subject leaves no doubt in the mind of the watchful inquirer that the principal factor in determining the chances of resuscitation of avoided marks, which are not associated with expired patents, is the exercise or non-exercise of the right of the British to employ them now in trade. Avoided marks which are associated with expired patents are as dead as the dodo or, as Dickens would put it, as a "door-nail." The legal status of avoided marks may be summarised thus: The Board of Trade has vested in it the power to make rules and regulations relating to patents, designs, and trade-marks by Section 86 of the Patents Act, 1907, and Section 60 of the Trade-marks Act, 1905, respectively, and that power has been extended to include the avoidance or suspension, in whole or in part, of any such industrial property directly or indirectly under alien enemy control, by the Patents. Designs, and Trade-marks (Temporary Rules) Act, 1914, and the Patents, Designs, and Trade-marks (Temporary Rules) (Amendment) Act, 1914, and rules and regulations made thereunder. Irresponsible persons have since the outbreak of war supported the suggestion that the exercise of the discretion of the Board of Trade in these matters is directed primarily against German trading interests, and this erroneous view has been ignorantly exploited by some of the daily papers. An inquiry into the matter will show conclusively that the Board of Trade, which is responsible for the avoidance or suspension of enemy industrial rights, has, instead of assuming a "Tom Tiddler's Ground?" policy for British traders, created a bar to all applications which could be conceivably based only upon selfish claims. This is apparent in one of the earliest rules governing such applications:

"That it is in the general interest of the country, or of a section of the community, or of a trade, that the registration of the trade-mark should be so avoided or suspended"; or in the case of patents and designs, "That such article should be manufactured or such process carried on" (subject to the same conditions).

Anyone who has attended the Patent Office Court and has been present at the hearings of these applications can testify to the importance placed upon the establishment of a claim to the existence of commercial disabilities as a primary condition for a successful application and the necessity imposed upon the applicant in all cases to vindicate that claim by evidence. Furthermore, to realise more fairly the true position of avoided marks, it is desirable to recognise that applications have been made without exception for the "avoidance or suspension," and that a judicial body has assumed the responsibility of deciding which marks shall be avoided and which shall be suspended. The trade-marks of chief interest to our readers which have been considered under emergency legislation are as follows:

Avoided.
Aspirin
Formamint
Glycin
Lysol
Metol
Sanatogen
Urotropin

Suspended. Salvarsan Novocain Neosalvarsan

Applications were also made in respect of adurol, heroin, strobin, and stypticin, two of which are not yet disposed of, and the remaining two were respectively abandoned and withdrawn.

Before giving further consideration to avoided marks it may be well to remind our readers of many familiar names which are registered trade-marks and which are also the subjects of expired British patents. Here are a few trade-marks of this kind:

Alumnol Aristol Benzosol Dermatol Eucaine Euphthalmine Euquinine Ichthyol Proponal Salophen
Trional
Lanolin
Protargol
Pyramidon
Somatose
Validol
Veronal
Yohimbine

Referring again to the list of avoided marks given above, space will not permit us to deal with each of these separately, but it may at once be recognised that where the mark has been associated with a revoked or expired patent there is no likelihood of resuscitation. The encumbered Register of Trade-marks has been freed of them, but at the expense of British merchants, who, had they been far-seeing, could have made the same clearance before the outbreak of war at the expense of the owners themselves. It is common and well-known law that the name under which a patented article is commercially known during the existence of the patent falls into the public domain with the expiration of the patent, and the public right to the use of the name is consequently as inherent as the right to the use of the process of manufacture. Lord Herschell once said upon this subject:

"When a patentee attaches a particular name to the product he patents, that name becomes common property as the name of the patented article. It possesses, indeed, no other name."

The wonder, therefore, is that so few names have been avoided which belong by irrevocable ties to the public through the incorporation of the names in chemical nomenclature, prescriptions, and dictionaries, and in ordinary parlance. Many other registered trade-marks could be, and should be, avoided in the public interest. Seeing that the Register of Trade-marks is kept under the jurisdiction of the Board of Trade, it would be the exercise of a wise discretion if the Board, representing the trading interests of this country, would on its own initiative remove from the Register all of these flagrant instances of pseudo trade-marks. If the law is not considered definite enough, there should be no difficulty in rapidly passing through the Legislature a measure which

should leave no doubt upon the matter.

If, for instance, the aspirin trade-mark had been challenged when the patent was revoked in 1905, the mark would have been removed from the Register at the expense of the Germans (under Section 35, "entry wrongly remaining on the Register"), and it is to be hoped that many other such names which have been introduced into text-books, Pharmacopœias, prescriptions, dictionaries, and everyday parlance will follow those already avoided. It is nothing less than the duty of British manufacturers of aspirin, formamint, glycin, lysol, metol, sanatogen, and urotropin to employ these avoided names as much as possible. The words would never have been avoided if conclusive evidence of their instability as trade-marks had not been forthcoming. The talk of forgetting the German names has possibly been inspired by German interests in the hope that after peace is declared there will still be room to rebuild business upon the old foundation. But such talk is based upon the idea that avoided marks are enemy property. Such is not the case. The marks associated with patents would not have been avoided if there were any real or tangible enemy property rights in them. They are British names, as truly national property as the expired British patents under which they were manufactured originally. The evil in the past has been largely due to the want of enterprise on the part of the traders concerned by neglecting to put into operation the section of the law which is intended to meet the case and prevent these false monopolies. An excuse for the evil is that there has been considerable ambiguity in regard to trade-mark claims, which needed such measures as those enacted since the outbreak of war to bring into relief a view of the weakness of many of these monopoly claims and to warn British traders against indifference to their legal rights in such matters. The atmosphere has been cleared, and it is incumbent upon British traders to realise the value and importance of British trade-marks in contradistinction to substance names which are open to adoption by all manufacturers.

### Germany's Difficulties Increasing.

Ir may have been noticed that since August we have been unable to report upon the German drug and chemical markets as we did formerly. These reports, since the outbreak of war, had to be compiled from the German pharmaceutical and chemical periodicals, but for several weeks past there has evidently been such a dearth of market news in Germany (or in some cases no markets at all) that such reports have ceased to be published. In order, therefore, to provide themselves with cheap "copy," and to fill their literary space, the Germans pay us the compliment of lifting the Trade Report of The Chemist and Druggist and regularly publishing it, without, of course, any indication of its origin. In the last issue, however, we were able to give a list of prices of industrial and pharmaceutical chemicals, from the "Chemiker Zeitung," which were current in Germany at the end of July. Many of the prices given in the list are relatively low as compared with the prices ruling in Great Britain, but then there is always the possibility of their being published for "foreign consumption," with the idea of showing how normal business is in the Fatherland. (Undoubtedly the great scarcity of drugs continues in Germany (more so than industrial and pharmaceutical chemicals), and we

have it on the authority of L r. Karl Dieterich, of Helfenberg, who writes in the "Le. pziger Abendzeitung," in consequence of the great scarcity of a number of very important drugs and other raw materials, manufacturers of pharmaceutical products have had to devote themselves to making substitutes and finding out new methods of manufacture. Germany, he maintains, has been in greater difficulties than any other belligerent nation in obtaining materials from the Orient, the United States, and other countries. We are surp vised at this admission, as we were under the impression, evidently erroneous, that Germany would never publicly acknowledge that there was any difficulty in getting all she wanted. No doubt the claim will be put forward that these "surrogate" pharmaceutical products are off even better therapeutical efficacy than those made previous to the war. Dr. Dieterich admits that there is an almost complete want of oils and fats for making ointments and liniments, resins, rubber, and fixed oils for surgicaldressing materials, spirit for tinctures and medicinal preparations, albumen, malt, and sugar for dictetic substances. Yet the German physician, the pharmacist, and the public, writes Dr. Dieterich, are all more than satisfied with the "excellent plasters, ointments, wound-dressing materials, dietetic foods, etc.," which are being made. What a gigantic game of bluff it is! Dr. Dieterich German pharmacy will remain independent of foreign sources, and much more use will be made of home-grown crugs and raw materials. The German pharmaceutical industry has had many more difficulties to combat than the similar industries in other countries, but this has made it much stronger in the competition that will arise nade it much stronger in the competition that win arise after the war. The demand for medicines of German origin is expected to be extraordinarily active after the war." Evidently German pharmacy is being purged of its dross, and now finds that after removing its excrescences it will be in a more flourishing condition than before. Especially should the fact be noted that it will be unnecessary to buy raw materials from foreign sources. Dr. Dieterich's remark that the demand for German medicaments is expected to be extraordinarily active after the war is absurd. The products of the German poison-gas factories will not be wanted here, nor will our Allies readily expose themselves in future to the risk of German treachery.

### Salicylic Acid as a Preservative.

Another attempt has recently been made to obtain a ANOTHER attempt has recently teen made to obtain a conviction for the use of salicylic acid as a preservative in a non-alcoholic cordial. The case was reported in our columns, and the judgment of the Stipendiary Magistrate of Pontypridd Police Court was published in extenso (C. & D., October 6, p. 37). His judgment bears every evidence of careful and thoughtful preparation, and raises some interesting points, some being points of fact, others of opinion. In the first place, it is certainly most improper that a purely scientific issue should be left to a lay mind, and, as the Stipendians expected if diary remarked, if standards could be fixed legally that should be done rather than leave Law Courts to decide scientific cases. The analyst's certificate in this case first calls for attention. The public analyst certified that the ginger-brandy contained "foreign substances as under—namely, 7 gr. of salicylic acid to the pint." In his "remarks" he stated that not more than 1 gr. to the pint should, in his opinion, he present. This remark admits that salicylic acid in some quantity may be present, and thereby vitiates the previous finding of 7 gr. of a foreign substance. The solicitor for the defendant declined to rely on this technical point, upon which it is possible that the charge would have been dismissed, but preferred to fight the case on its merits. Now, if there is one fact in regard to the use of salicylic acid more settled than any other, it is that I gr. per pint is quite useless for preserving organic liquids, a contention, which had its origin in the obsolete and now discredited Report issued in 1901 by the Departmental Committee on Preservatives.

The important point to bear in mind is that although standards for boric acid it I cream have been fixed legally, and the Local Government Board has not, as the Stipendiary remarked, repudiated the Departmental Committee's Report, and though possessing ample powers to fix standards under the Public Health (Regulations as to Food) Act, 1907, since 1907 the Board has not acted upon that Report. This is very near to repudiating the Report, and we should have thought it could no longer be quoted in a court of law as carrying any weight. There is, however, some explanation necessary as to the difference of opinion that has arisen in respect to the use of salicylic acid, and one which the Stipendiary was obviously trying to find. The explanation, as emphasised in Mr. Parry's evidence, is that the prejudice against salicylic acid arose when it was manufactured in an impure condition and often contained much para-cresotic acid. In those days arose the distinction between ordinary salicylio acad and the "physiologically pure"—a much more expensive variety. This distinction is to-day almost non-existent, and the difference between the two is practically nil. It is probable that to every ounce of the so-called physiologically pure acid used by medical men as a drug, hundreds of pounds of the B.P. or ordinary salicylic acid is employed. "Physiologically pure" acid has practically disappeared from the price-lists, because the ordinary acid is physiologically pure. There is no impure salicylic acid to be found to-day, so the Stipendiary's remarks on that point were beside the mark. Another point of considerable importance is that there are thousands of packages of food and drink preserved with from 4 to 8 gr. of salicylic acid per lb. or per pint entering into consumption in this country annually without any suggestion of any harmful result. This is evidence which cannot be ignored, whilst, on the other hand, we have an occasional medical man entering the witness-box and declaring it to be in his opinion harmful. But no witness has ever given a single concrete case to prove the correctness of his opinion. The experiments of MacAlister and Bradshaw, quoted in this case, were in direct opposition to the suggestions of the harmfulness of salicylic acid; why have not the opponents to its use challenged these results with their observations? real position appears to us to be that this fetish of salicylic acid used as a preservative in minute quantities is scientifically dying, and is only revived every now and again by a comparatively few officials, thus entailing a considerable and unnecessary expense to the manufacturer. The following paragraph from Walter's "Manual of the Essence Industry," which was recently reviewed in the C. & D., is of interest:

"The oldest preservative is without doubt salicylic acid, which, even to-day, is freely used in domestic practice. It is a natural constituent of a large number of fruits, such as strawberries, raspberries, etc., on which it is now believed that the substance also exerts a certain preservative action. As the wholesomeness of fruits, even though they contain salicylic acid naturally, cannot be questioned, it is not at all likely that the acid will have any injurious action on human health when employed within suitable limits. Such limit may be assured as 0.05 per cent. However, medical authorities are not at all agreed on this point, hence the use of the acid is forbidden in many countries."

Meanwhile we should imagine that there are much more important things for the authorities to worry about in these times.

### Company Directors' Nationality.

The period of three months from the passing of the Companies (Particulars as to Directors) Act, which was allowed to companies registered since November 22, 1916, to furnish particulars as to the nationality of the directors, expires on November 2. The companies referred to are also required to conform to Sections 18 and 19 of the Registration of Business Names Act with respect to the publication in trade catalogues, trade circulars, showcards, and business letters of particulars as to the names and nationality (if not British) of the directors.

Ministry of Health Scheme.

THE MEMORANDUM of the National Insurance organisations formulating a scheme for a Ministry of Health contains a suggestion that the functions of the Privy Council in respect of midwives should be transferred to the new Ministry, and that later on there should also be transferred "its other medical or analogous functions." The Privy Council has special functions under the Pharmacy Acts, and is required to approve the resolutions of the Council of the Pharmaceutical Society adding to or altering the poison schedule. It is to be hoped that the Pharmaceutical Society have considered this matter, although our view is that the position could not be worse than it is now under the archaic régime of the Privy Council. The draft Bill also proposes to transfer to the Ministry of Health the functions exercised by the Local Government Board under the Sale of Food and Drugs Acts. The Board of Health, which is to assist the Minister, has upon it representatives of the medical profession, but no mention is made of pharmaceutical representation, which would be needed if the control of the poison schedule is to be transferred to the new

Proprietary Venereal Remedies.

Last week (p. 42) we asked proprietors or agents for venereal remedies to communicate with us in regard to the steps taken to make the labelling of these articles conform to the requirements of Section 2 (2) of the Venereal Disease Act. This section of the Act, dealing with the holding-out of remedies for venereal diseases, was dealt with in the C. & D., September 15, p. 43. The following definite information has been received:

BLENOSAN CAPSULES, made by Robert Ferber, Ltd., do not contain any advertising matter or circulars. The same

not contain any advertising matter or circulars. The same refers to the other capsules issued by the company. The labels on the capsules sent out by Bartlett, Hooper & Co. have been revised by an expert, and as sent out the packages contain no matter which offends against the Venereal Disease Act.

Santal Midy, the agents for which are Wileox, Jozeau & Co., is being sent out without the usual circulars, and directions as to the dose of the capsules are given by means of a small label attached to the bottle and outer means of a small label attached to the bottle and outer-wrapper. In regard to stock which chemists may have the advertisement wrappers should be removed before sale. To remind the sellers that this should be done Wilcox, Jozcau & Co. issued a printed label with the following wording:

"V.D. Act, 1917. Before handing this package to the consumer the vendor should remove all labels and printed matter."

matter.

A copy of this label will be sent on application. The stock could also be returned for re-labelling through the patent-medicine house from which the supply was obtained. New supplies will conform with the Act.

Methylated Spirits Licence=duty.

THE reply of the Chancellor of the Exchequer to Mr. Anderson, in the House of Commons on October 23, is satisfactory as an indication that the authorities recognise the hardship imposed on retailers of methylated spirits by the recent restriction placed on the sale of the spirits by the Ministry of Munitions. Retailers of methylated spirits took out their new licences for the current year on the 1st of this month, paying the licence-duty for the whole year, and no sooner had this been done than the Munitions Department prohibited the sale of spirits for purposes of lighting or heating. In these circumstances, they have a clear case for asking for a return of a portion of the licenceduty they have just paid, and we are glad that the Chancellor recognises this. It would seem, however, that some express statutory authority will be necessary before this repayment can be made by the Commissioners of Customs and Excise. As the law stands, the power of the Commissioners to give relief from duty on liquor licences where the business cannot be carried on because of some enactment in connection with the war is limited to licences coming under Part II. of the Finance (1909-10) Act, 1910—that is, to intoxicating liquor licences. But the principle having been now admitted, the remedy can easily be supplied by the Legislature.

# Enemy Patents and Trade-marks.

By S. W. Woolley, Ph.C.

(Read before the Liverpool Chemists' Association, October 24.)

BEFORE dealing with the main subject of the paper it will be as well as to give a sketch of the origin of the laws governing the granting of patents and the registration of trade-marks, and also to refer to the abuses of these laws which before the outbreak of war required correcting.

PATENTS OF MONOPOLY.

From time immemorial in this country it has been one of the prerogatives of the Crown to grant monopolies in the sale or manufacture of commodities, particularly with a view of rewarding inventors who were the means of introducing new industries. These grants were made by Letters Patent—that is, "open" letters or records, which became matters of public knowledge, and of which everyone was supposed to be aware. Queen Elizabeth, with the view, as she thought, of encouraging trade, granted patents of monopoly very freely, and numerous complaints in this regard were made in the House of Commons. The patents of monopoly, were always alleged to be for the public benefit. Thus the monopoly of the importation and sale of playing-cards was granted ostensibly to prevent able-bodied men who should be at the plough from being employed in making cards. The monopolies of the sale or manufacture of soap and starch were to prevent waste. The patent of monopoly in the importation and sale of playing-cards was granted in 1588 to one Darcy, and it was the infringement of this patent by a London haberdasher named Allen that gave rise to an investigation of the Crown's power of granting monopolies. In 1602 what is known as the "Case of Monopolies," or Darcy v. Allen, came before the Courts, and it was decided that as the grant was in restraint of trade and had resulted in the raising of prices, it was illegal and the monopoly was void. It was argued for Darcy that the Queen was within her rights in granting a monopoly in the case of playing-cards, which did not constitute a useful manufacture. As a digression the interesting facts may be referred to that in the course of the case Sir Edward Coke, for the plaintiff, mentioned that Edward III. granted a patent to an alien named Fulco, who was described as the first apothecary in London, and that Henry VI. had granted to two London aldermen a patent for the manufacture of the Philosopher's Stone on the recommendation of a Commission which reported that the manufacture was feasible. Another instance mentioned was the grant by Henry VIII. of a patent for garbling spices. When James I. came to the throne in 1603 a Committee of Grievances, appointed by the first Parliament of his reign, examined and cancelled numerous patents of monopoly. King James, whose claims to the throne were quite slender, interpreted correctly the spirit of the age and published in 1610 his "Book of Bounty." which was a declaration that monopolies would not be granted in future. Owing, however, to James's want of money, monopolies, being a fruitful source of revenue to the Crown, continued to be granted. Parliament at last took the matter up, and in 1623 was passed the celebrated. brated

STATUTE OF MONOPOLIES,

which made all monopoliés illegal with the single exception of patents to inventors in respect of new manufactures. Section VI. is as follows:

"Provided also and be it declared and enacted, that any declaration, before mentioned, shall not extend to any Letters Patent and grants of privilege for the term of fourteen years or under, hereafter to be made, of the sole working or making of any manner of new manufacture within this Realm, to the true and first inventor and inventors of such manufactures, which others at the time of making such Letters Patent and grants shall not use, so as also they be not contrary to the law, nor mischievous to the State, by raising prices of commodities at home or hurt of trade or generally inconvenient."

#### PATENT ACTS.

This section, upon which is founded all the patent legislation of the world, regulated the grant of patents down to 1835, when the first Patent Act was passed. The last Patent Act, that of 1907, restricts the concession to the exact limits referred to in the Statute of Monopoly, and the actual grant of Letters Patent employs practically the same wording as the section quoted. As another digression it may be mentioned that Section XI. of the Statute of Monopolies allowed the continuation of the privileges granted for the manufacture of alum (which was first carried out in this country in Yorkshire in 1600), of smalts (another new industry), and of the manufacture of glass by the use of coal as a fuel in place of wood. Licences for the sale of wine, spirits, and tobacco are a survival of the old monopoly grants.

#### WHAT MAY BE PATENTED.

A patent is thus a reward to inventors for the introduction of a new manufacture "within this Realm," but the invention must be both new and useful. It must be a physical process to come within the clause of the Letters Patent which prohibits others than the inventor from carrying it out. Sir Isaac Newton could not have patented his discovery of the law of gravity, nor can a patent be obtained for a method of advertising or a scheme for business correspondence. The subject-matter as it is called, of a patent is considered by the Patent Office when applications for patents are made. For instance, patents have been refused for crystallising aspirin from chloroform, for the use of naphthaline for enriching coal-gas, and for an electrolytic method of treating lead-poisoning. On the other hand, it has been said that new and useful chemical compounds are always patentable. Combinations of old methods providing a new result are patentable—as, for example, the absorption of nitroglycerin by kieselguhr, or the use of a solution of gelatin and bisulphite as a meat-preservative. addition of a protective covering for a vacuum flask. was refused a patent. A slight alteration, however, in a known process may amount to an important invention. It was the use of alkali in the manufacture of lanolin to saponify the fatty acids which constituted the chief point upon which the patent was upheld. When the monopoly period has expired the invention becomes public property, and that the public shall be able to carry out the manufacture the inventor is required to state in the specification of the patent the exact method of car. ing out the process. Misleading obscurities introduced into the specification are fatal to the grant of a patent. The patent for seidlitz powders, which was granted to Savory in 1815, was revoked in 1823 because instead of naming the ingredients the inventor gave long-winded accounts of the manufacture of bicarbonate of soda. Rochelle salts, and tartaric acid. The invention must be described with the assumption of the knowledge of well-established facts, and in the case of chemical patents it is assumed that fairly expert chemists can carry out the processes described. It may be added that Germans have taken full advantage of this latitude granted to chemical inventions. It took, for instance, granted to chemical inventions. many months of experiment at the Imperial College of Science and in the laboratory of the Pharmaceutical Society before the working details of the manufacture of eucaine were arrived at. Patents are granted to alien friends, but up to the time of the Patent Act, 1907. the interpretation of the introduction of a new manufacture "within the Realm" was very lax, with the result that Germans obtained monopolies which actually resulted in the restraint of trade in this country. Section 27 of the Patent Act. 1907, sought to check this abuse by making it possible to obtain the revocation of patents which were not worked adequately in the United Kingdom. In consequence of Section 27 several German factories were started in England ostensibly to manufacture chemical products, but, as we now know, it was only a pretence, as the intermediate products were imported. Moreover, in 1909 a legal decision of Mr. Justice Parker placed upon the applicant for revocation such an onus of proof as it is impossible to fulfil, so that we are no

nearer the principle of the Statute of Monopoly in regard to the manufacture within this Realm than we were before

#### PROLONGATION OF PATENTS.

As a matter of grace the period of a patent may be prolonged if it is shown that the inventor has had to face exceptional difficulties in working his discovery. The patent for Cocking's poro-plastic (2353 of 1871) was prolonged for five years, and so was the cellulose patent (8700 of 1892) of Cross, Bevan, and Beadle, under which artificial silk and viscose bottle-caps are made. historic interest is the fact that the patent for the manufacture of porcelain granted to Cookworthy, of Plymouth, who was a chemist and druggist, was prolonged in 1775, as was also in 1780 the patent for Turner's yellow or lead oxychloride. Occasionally patents are surrendered for the public good; an example is the patents for non-inflammable flannelette (8509 and 9620 of 1902) by W. H. Perkin and Whipp Bros. & Todd, Ltd.

### TRADE-MARK LAW.

The law regarding trade-marks is not so old as that regulating the grant of patents. The first Trade-mark Registration Act came into operation in 1875; before that date trade-mark rights required to be asserted at common law. Examples of cases in which the common-law rights in trade-marks were sought to be established are those of chlorodyne and golden ointment. An injunction was refused in the chlorodyne case (Browne v. Freeman, 1864), because it was held that the plaintiff had abandoned his claim to an exclusive right in the name by withdrawing a previous suit which he had commenced to restrain the use of it. In the golden-ointment case (Green v. Rooke, 1872) it was held that there was no law to prevent the sale of golden ointment by those who could discover its composition. The expense of the old trade-mark suits was great and otherwise unsatisfactory, and led to the demand for more efficient protection of trade-marks. A Select Committee of the House of Commons in 1862 examined several Trade-mark Bills, and as a result the first Merchandise Marks Act was passed. The provisions of this Act were, however, of little practical service, and as the result of further legislation the Trade-marks Registration Act, 1875, became law. Between 1875 and the Trade-marks Act, 1905, several amending Acts were passed which were steps in the evolution of the law as it exists to-day. It was under the 1833 Act that "Melrose" applied to hair-restorers was refused registration as not being "a fancy word not in common use." The expression "fancy word" was in the amending Act of 1888 replaced by "invented word . . . or a word . . . having no reference to the character or quality of the goods and not being a geographical name." The word "Somatose" was refused registration as being the Greek word for body. The Solio (photographic paper) case in 1898, however, showed that some measure of suggestion of the character of the goods may be made if the mark is unobjectionable on other grounds. This ruling of the House of Lords decided that there had been an error in construing Section 64 (1), paragraphs d and e, conjunctively. The Patent Office on August 17, 1898, published an official notice that the practice of the Office in regard to invented words would be modified in accordance with this judgment. This decision greatly enlarged the area from which new marks may be chosen and admitted to registration large numbers of word marks already in use. The Trade-marks Act, 1905, gave for the first time a

#### DEFINITION OF A TRADE-MARK,

as follows:

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"A trade-mark shall mean a mark used, or proposed to be used, upon, or in connection with, goods for the purpose of indicating that they are the goods of the proprietor of such trade-mark by virtue of manufacture, selection, cartification dealing with or offering for sale". certification, dealing with, or offering for sale.

Section 3, in which this definition occurs, defines a "mark" as "a device, brand, heading, label, ticket, name, signature, word, letter, numeral, or any combination thereof.

#### REGISTRABLE TRADE-MARKS

Trade-marks can exist without registration, as commonlaw trade-marks, but for the purpose of the Merchandise Marks Act a trade-mark must be one that is registered. All trade-marks cannot be registered; those accepted by the Registrar of Trade-marks must conform to Section 9 of the Trade-marks Act, 1905, as follows:

A registrable trade-mark must contain or consist of at least one of the following essential particulars:

(1) The name of a company, individual, or firm repre-

(1) The name of a company, individual, of him represented in a special or particular manner.

(2) The signature of the applicant for registration or some predecessor in his business.

(3) An invented word or invented words.

(4) A word or words having no direct reference to the character or quality of the goods, and not being according to its evidence is signification a geographical name or a surto its ordinary signification a geographical name or a sur-

(5) Any other distinctive mark. But a name, signature, or word or words, other than such as fall within the descriptions in the above paragraphs (1), (2), (3), and (4), shall not, except by order of the Board of Trade or the Court, be deemed a distinctive mark.

Trade-marks may be registered in fifty classes, and the legal protection of the trade-mark is restricted to the class in which it is registered. Anyone may apply a registered trade-mark to the right goods, as the test of infringement laid down in all cases is that the defendant's acts are calculated to pass off goods as the plaintiff's which are not his, which is all that an ordinary form of the injunction granted in trade-mark cases restrains.

### TRADE-MARKS FOR PATENTED ARTICLES.

Where an article has been introduced as new and has been first manufactured under a patent, the name by which it is known becomes common property so soon as the expiration of the patent-rights puts an end to the monopoly in the manufacture and sale of the article, and although the name may down to that time have identified the goods with the maker of them, it is no longer available for him as a trade-mark or trade-name. Lord Herschell's Committee of Inquiry into the duties of the Patent Office stated in their Report of 1888:

"It is clear that he [the patentee] obtained the patent upon the condition that, at the expiration of the term of his monopoly, the public should have the right to manufacins monopoly, the public should have the right to maintacture and use it; and if the only name by which it is known is that which the proprietor has registered as a trademark, it would certainly seem inconsistent with the right thus intended to be conferred on the public if everyone, except the original patentee, were prevented from calling it or selling it by that name which alone it bears."

The authorities are very clear on the point, as the following quotations show:

If the name has been usually applied to goods manufactured by a particular person, not because they are of his make, but because he, as having taken out a patent, could alone make them, then after the expiration of the patent the name may be generally used; or even during the continuance of the patent if a new means of getting at the natural product [in this case paraffin oil] is discovered, which does not infringe the patent."—Wood, V.C., in

Young v. Macrae (1862).
"It seems to me that the name 'Wheeler & Wilson'

"It seems to me that the name 'Wheeler & Wilson' machine has come to signify the thing manufactured according to the principle of the patent. That being so, I cannot restrain anybody, after the expiration of the patent, from representing his article as being the article which was so patented. A man cannot prolong his monopoly by saying, 'I have got a trade-mark in the name of a thing which was the subject of the patent,'"—James, V.C., in the Wheeler & Wilson Mfg. Co. v. Shakespear (1869).

"You may state in so many words or by implication that the article is manufactured in accordance with a patent which has expired. But if you suggest that it is protected by an existing patent you cannot obtain the protection of the representation as a trade-mark. Protection only extends to the time allowed by the statute for the patent, and if the Court were afterwards to protect the use of the word as a trade-mark, it would be in fact extending the time for protection given by the statute. It is therefore impossible to allow a man who has once had the protection of a patent to obtain a further protection by using the name of his patent as a trade-mark." by using the name of his patent as a trade-mark."— Jessel, M.R.

"It is impossible to allow a man to prolong his monopoly by trying to turn a description of the article into a trademark. Whatever is mere description is open to all the world."—James, L.J., in Cheavin v. Walker (1877).

"The name [Linoleum] only secondarily means the manufacture of the plaintiffs, and has that meaning only so long as the plaintiffs are the sole manufacturers. In my opinion it would be extremely difficult for a person who has been, by right of some monopoly, the sole manufacturer of a new article and has given a new name to the new article meaning that new article and nothing more, to claim that the name is to be attributed to his manufacture alone that the name is to be attributed to his manufacture alone after his competitors are at liberty to make the same article.

after his competitors are at liberty to make the same article. It is admitted that no such case has occurred, and I believe it could not occur."—Fry, J., in Linoleum Manufacturing Co. v. Nairn (1878).

"Where a patentee attaches a particular name to the production he patents, that name becomes common property as the name of the patented article. It possesses, indeed, no other name. That name would necessarily be applied to it by all persons desiring to purchase the article. It is not descriptive of the production of a particular manufacturer, but of the article itself by whomsoever it is manufactured."—Lord Herschell in Reddaway v. Banham (1896).

"If a person makes or sells an article and calls it by a particular name, the use of that particular name by others for the same sort of goods is not necessarily an infringement of his rights, even if the name is not obviously descriptive. If the article is a patented article sold by the patentee under the name in question, then when the patent expires anyone is at liberty to make and sell the article and to sell it under the name by which it has become known in the market; and if nothing more is done the patentee has the market; and if nothing more is done the patentee has no redress."—Lindley, L.J., in Powell v. Birmingham Vinegar Brewery Co., Ltd. (1896).

"When the article is made under a secret process or its

When the article is made under a secret process of its manufacture is protected by a patent, no person who has not acquired the secret or obtained a licence from the patentce can manufacture it. Accordingly it is established as a general rule that when an article is made under a secret process, or where the manufacture of it is protected by a patent, the manufacturer or patentee cannot by any means entitle himself to a monopoly in the use, after the secret process has been discovered or the term of the patent has exprised of the name by which the manufactured article has expired, of the name by which the manufactured article is exclusively known while the secret is undiscovered or the term of the patent is unexpired."—Rigby, L.J., in Magnolia Metal Co.'s Trade-marks (1897).

An application to register the word "formalin" was refused in 1900 on the ground that it was the name of a patented article (7038 of 1893), and in the case of the word "cyclostyle" registration was refused in 1907

on the same ground.

The object of these quotations is to show the law on the subject, the only doubtful point being as to the bearing of Section 41 on this question. By Section 41 the original registration of a trade-mark shall after the expiration of seven years be taken as valid in all respects unless such original registration was obtained by fraud. If the registration of the name of a patented article as a trade-mark is not a fraud within the meaning of Section 41, it is possible that Section 44, which allows the use by any person of any bona fide description of the character or quality of his goods, might be available. If these do not apply, the Trade-marks Act should be amended to make it conform to the common law. There was a similar section in the 1883 Act, but it was construed as subject to the liability of removal from the Register under the rectification section. It might also be argued that the public by sleeping on their rights had lost them. The practice of Germans should be particularly noted in this regard. There are on the Trademark Register a large number of marks which are the names of articles the patents for which have expired. A list of a hundred marks applied to chemicals and pharmaceutical products was printed in The Chemist AND DRUGGIST, January 27, 1917, and it could be enlarged considerably by systematic search. Among the trademarks given in the list referred to are such well-known names as lanoline, eucaine, ichthyol, veronal, euquinine, aristol, dermatol, protargol, and xeroform. It may be asked why steps have not been taken to prevent this continuance of patent-monopoly. There are various reasons. The aversion to enter into costly lawsuits for the public benefit is one of the chief. The German manufacturers have a defence association, which is able

to brief as many of the chief counsel as are required to make the case as costly and protracted as possible. No Association exists in this country which has shown any willingness to defend the rights of manufacturers. Another reason has been that British chemical-manufacturers had practically abandoned the production of certain kinds of fine chemicals to Germany, and hence possessed only an academic interest in the questions at

It may be asked, "What bearing has this upon the dispensing chemist?" The answer is that one of the chief difficulties which chemists have to contend with is the introduction of the same chemical compound under several names, which necessitates the carrying in stock of a much larger amount of a definite chemical than would otherwise be necessary. The multiplication of would otherwise be necessary. The multiplication of synonyms is largely caused by the fact that the original name of the article has been wrongly monopolised. The effect is seen in the case of instructions issued by some Insurance Committees in regard to trade-mark names, which medical men are asked not to employ on account of the fact that the price for monopoly articles is higher than that of the commercial product. Medical men order drugs under the name which they first employed, generally at the instigation of the German manufacturer. ought not to be expected of medical men that they should learn new names for drugs, especially when rightfully the names applied by the patentees should belong to the public after the expiry of the patents.

It is interesting to quote here the views expressed on this question at the International Congress of Pharmacy held in 1913. Three papers were read on "Trade-names applied to Medicaments." Mr. Edmund White, President of the Pharmaceutical Society, in his paper suggested that proprietary rights in a trade-mark should cease after a definite period, and that no one should be allowed to register a trade-mark for a well-known chemical substance used in medicine which can be manufactured by anybody. He pointed out that the trouble arose from the application of brand-names as the specific names of chemicals. Dr. Henri Martin, President of the French Association Générale des Syndicats Pharmaceutiques, suggested that all medicaments bearing a trade-mark nameshould also bear a name in which no proprietary rights were claimed. Dr. H. Salzmann, President of the Deutschen Apothekervereins, thought that trade-marks should not be allowed to be registered for medicinal substances, and marks used as the names of drugs should be abolished. Designs might be allowed as trade-marks for medicaments.

The Report of the Select Committee on Patent Medicines, which was issued in 1914, also drew attention (recommendations 6 and 7) to the public inconvenience which results from the application of several names to one article.

THE EFFECT OF WAR.

On the outbreak of war with Germany it was necessary to take steps to prevent as much as possible the inconvenience which would result from the cessation of the supply of fine chemicals from enemy countries. On August 7, 1914, the Patents, Designs, and Trade-marks (Temporary Rules) Act was passed, which gave power to the Board of Trade to make rules or do such things as they thought expedient for avoiding or suspending any patent or granting licences to use patents belonging to enemy proprietors, also to avoid or suspend the registration of enemy trade-marks. The rules referred to were afterwards issued according to the Statutory Rules Act, and these govern the proceedings which have since taken place in regard to enemy patents and trade-marks. The applicant for the suspension of or for a licence to use an enemy patent must show that he intends to manufacture the patented article, and also show that it is in the general interests of the country that such article should be manufactured. Similar provisions apply in the case of registered trade-marks. The Comptroller-General has also issued an official notice as to the general principles upon which the Board of Trade deal with applications which come before them. In regard to patents it is stated that licences will, as a general rule, be granted

Where there is no manufacture in this country under

patent; and also

Where what manufacture there is is carried on by a company or firm on behalf of alien enemies resident abroad, and there is any reason to doubt that the manufacture will continue to be carried on; or Where it is in the interests of the country that some other manufacture should be started in the United Kingdom,

In the case of trade-marks suspension will, as a general rule, only be granted

Where the trade-mark is the name of a patented article and a licence is granted under the patent protecting it.

Where it is the only name or only practicable name of an article manufactured under an expired patent.

Where it is the name or the only practicable name of an article manufactured in accordance with a known pro-

cess or a formula which has been published or is well known in the trade.

Generally speaking, suspension will not be granted in the case of pictorial devices.

A condition was also announced on May 11, 1917, that where a licence was granted to employ an enemy patent the article manufactured must be called by the name

applied to it by the inventor.

The first application under the emergency legislation was by Mr. H. S. Wellcome for a licence to manufacture salvarsan, the case being heard for the first time on September 17, 1914. Applications at subsequent dates covered the five patents which control the manufacture Other applicants have of salvarsan and neosalvarsan. been Poulenc Frères; Evans Sons Lescher & Webb, Ltd.; the Anglo-French Drug Co., Ltd.; and the Diarsenol Co., All have received licences with the exception of the last-named company.

Other patented articles for which licences have been applied are acriflavine and proflavine; adalin; bromural;

and novocaine.

The following trade-marks have been "avoided" aspirin; formamint; glycin; lysol; metol; sanatogen; and urotropin.

It will be observed that of the trade-marks mentioned all except urotropin are the names of articles

formerly the subject of Letters Patent.

It should be added that licences have been granted in the case of a large number of dye patents and articles used in engineering and other trades. This paper is, however, confined in the main to those enemy patents and trade-marks which are of interest to the drug-trade.

From what has been said it is obvious that much more could be done under the Temporary Rules Act to purge the Trade-mark Register of marks which are "un-meritorious," and it is to be hoped that our chemical-manufacturers will not let the present opportunity pass without doing their best to confer such benefits on the chemical and drug trades. The cost of procedure under the present Act is small. It is not even necessary for those with a knowledge of the procedure to employ solicitors, counsel, or patent agents.

As some misapprehension exists as to the ultimate fate of "avoided" trade-marks, it should be noted that such words are now public property, and cannot again become the property of any particular person or persons. The legal sense of "avoid" is to invalidate or to render a thing of no effect. The only conceivable methods by which avoided trade-marks could be restored to their

former owners would be:

(1) By compensating the present users;
(2) Through a "German" peace—now impossible;
(3) By an Act of Parliament, which has never up to now been used for appropriating English words to private use;

(4) By non-use of the words by the public, which might be a ground for the Board of Trade to restore the names to the Register under Section 9, Sub-Section 5.

On this account it is desirable to use the avoided

marks as freely as possible.

Finally the suggestion is made that the Board of Trade should take steps to prevent the continuance, by means of registered trade-marks, of patent-monopolies beyond the fourteen years fixed by the Statute of Monopolies, and also that an official list should be published of marks which are public property.

### Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

### Reports from Local Centres. ENGLAND.

Grimsby.—At the quarterly meeting of the Insurance Committee, held on October 18 (Councillor J. Whiteley Wilkin presiding), it was reported that a letter had been received from the Pharmaceutical Committee agreeing to dispense with further calculations relating to the "floating sixpence" for 1916. The Pharmaceutical Committee had becaused for agreety the green that we have the following the committee of the committee of the committee of the committee had the committee of the committee of the committee of the committee had the committee of the committee of the committee of the committee had the committee of the committee of the committee had the committee of the also asked for a grant on the same basis as that of last year; but, on the recommendation of the Finance and year; but, on the recommendation of the Finance and General Purposes Sub-Committee, it was decided to defer making the grant until the Committee had submitted a statement showing their administrative expenses for 1916 and a similar statement for the current year. The Pharmaceutical Committee also asked the Insurance Committee to place before the North-Eastern Midland Prescription Bureau a complaint that many items in Insurance prescriptions were not priced, and as a result not paid for. The Clerk (Mr. E. Ben Chapman) reported that he had forwarded the complaint, and the Bureau had replied that the percentage of errors claimed only amounted to 0.59. They promised that the complaint should receive attention, howcentage of errors claimed only amounted to 0.59. They promised that the complaint should receive attention, however. A resolution, moved by Mr. G. Morley (Society representative), urging the Government to proceed at once with the establishment of a Ministry of Health, of which the National Health Insurance should form an integral part, was defeated, only two members voting for it. It was reported that of the 114 persons who had received the institutional treatment for tuberculosis afforded by the Committee since the commencement of the Insurance Act up to September last, 16 had been "apparently cured," 37 had died, in 24 cases the disease had been arrested, 25 persons had improved, there had been no improvement in 5 cases, and 7 were still under treatment.

London.—The Insurance Committee met, at the County

London.—The Insurance Committee met at the County Hall, Spring Gardens, S.W., on October 25, when an invitation was received for representatives to attend a Conference, convened by the Local Government Board, on sanatoria and hospital arrangements for tuberculosis in London The Sanatorium Benefit Sub-Committee estimated an expenditure of 94,000l. for 1918, to meet which a credit from the Commissioners of 74,000l. will be necessary, the balance Commissioners of 74,000% will be necessary, the balance coming from payments in respect of treatment of sailors and soldiers. The Finance Committee reported that while the deficiency on the administration fund for the current year was only 15%, owing to a grant by the Commissioners, the estimated deficit for 1918 was no less than 7,325%. The Medical Benefit Sub-Committee reported having granted five applications from insured persons to make their own arrangements for Medical Benefit. The only alterations in the chemists' panel (apart from changes in trade-names) are the addition of G. Hill & Co., Chelsea and Mortlake, and the removal from the list of Gristock & Co., Blandford Street, W., and C. A. Neale, St. John's Wood, N.W.

WALES.

Newport.—At a meeting of the Insurance Committee on October 17, Dr. Lloyd Davies, who presided, said many people had too much faith in medicine; advice might be more useful to them. He had heard of a case in which be more useful to them. He had heard of a case in which the chemist, on receiving a prescription, complained that it was not much good for the patient. He said, "If you had gone to Mr. — he would have given you something worth taking. This medicine will do you no good, and I don't get much out of it." Dr. Davies did not think this was proper, and he strongly objected to it. Mr. Griffith Jones said that Mr. Lewis, a member of the Committee, belonged to a Society in which the average cost of medicine was just over a farthing a bettle. The doctors had nothing to do with the cost of medicine. The Clerk explained that the Judges had decided it was only necessary to prevent the Judges had decided it was only necessary to prevent excessive and extravagant prices, and that adequate prescribing for insured persons should not be prevented. If it could be shown that the prescriptions were necessary they would not object.

### Notes.

Drug Accounts Committee (Scotland.)—A Memorandum on the work of this Committee from January 1915 to June 1917 has been prepared by Mr. A. B. Gilmour for presentation to the annual Conference of the Scotlish Association of Insurance Committees at Perth on October 26 and 27. This gives that during the region under some the Classes. This shows that during the period under review the Glasgow

Central Checking Bureau has priced over five million prescription-forms, costing over 210,000l. The difficulties with which the Committee has had to contend are discussed, and are summarised in the following recommendations to Insurance Committees: (1) That chemists be again instructed to send in their prescriptions monthly; (2) that practitioners bo instructed to adhibit their signature in full, and in the place provided on the form for that purpose; (3) that the attention of practitioners be again directed to the necessity of using correct index-marks; and (4) that practitioners, when acting as deputy, be requested to indicate clearly

when acting as deputy, be requested to indicate clearly for whom they are acting.

A PAMPRILET on "Medical Benefit in Scotland" has just been issued by Mr. W. M. Marshall, Clerk to the Lanark County Insurance Committee and Secretary to the Scotlish Association of Insurance Committees, in the course of which the author deals with the prescribing of proprietary remedies "which are in no way superior to well-known drugs of identical composition and of equal therapeutic value." Since the circulation by the Drug Accounts Committee of a note on the chemical equivalents for such proprietaries, sales of the latter for Insurance dispensing have been much reduced, and medical men are refusing to prescribe them: reduced, and medical men are refusing to prescribe them; and almost without exception Scottish chemists are opposed to dispensing them. At the same time, Mr. Marshall points out that the sale of patent medicines has not in any way been affected by the advent of National Health Insurance. "When Medical Benefit first came into operation there was some slight falling-off in the sales, but when the novelty of calling in the panel doctor were off the spell of the patent medicine reasserted itself."

OCTOBER TABIFF PRICES.—The following are the alterations for October in the Drug Tariff issued by the National Health Insurance Commissioners for England and Wales:

for October in the Drug Tariff issued by the National Health Insurance Commissioners for England and Wales:

\*\*Lower: Acid. benzoic. (synthetic), 1s. 11d. oz.; calc. lact., 13s. 4d. 4b.; cret. præp., 3½d. lb.; hexamina, 4s. 9d. lb.; methyl salicylas, 6½d. oz.; phenazon., 5s. oz.; phenolphthalein, 7s. 6d. oz.; resorcinum, 7s. 6d. oz.; sodii benz., 1s. 11d. oz.; ice-bags, rubber, helmet-shape, 84.00d. each. Higher: Acid. acetic., 1s. 6a. lb.; acid. acetic. glacial., 4s. 6d. lb.; ammon. brom., 7s. 2d. lb.; argent. nit., 3s. 10d. oz.; argent. nit. indur., 4s. oz.; argent. nit. indur., 4s. oz.; argent. nit. mitgat., 3s. 2d. oz.; bals. peruv., 2s. 1d. oz.; camphora (flowers), 4s. 7d. lb.; cocain. hydrochlor., 7s. 4d. dr.; copaiba B.P., 7s. lb.; ext. cannab. ind., 14s. oz.; ext. coloc. co., 11s. lb.; ext. ergotæ, 2s. 1d. oz.; ext. opii sicc., 14s. 3d. oz.; ferri sulph. 6d. lb.; ferri sulph. exsicc., 9a. lb.; glycer. poracis, 3s. 10d. lb.; glycer. belladon. B.P.C., 8s. 6d. lb.; glycer. boracis, 3s. 10d. lb.; glycer. posin., 5s. 8d. lb.; homatrop. hydrobrom., 1s. 7d. gr.; inf. digitalis conc., 2s. 2d. lb.; lin. calcis, 1s. 3d. lb.; lin. camph., 3s. lb.; lin. camph. am. meth., 2s. 8d. lb.; lin. opii, 9s. 6d. lb.; lin. pot. iod. c. sap., 3s. 4d. lb.; lin. terebinthinæ, 1s. 5d. lb.; lin. tereb. acet., 2s. 4d. lb.; liq. opii sed. B.P.C., 17s. lb.; lith. cit. effervesc., 4s. lb.; mel boracis, 1s. 11d. lb.; ol. ansis. 6d. oz.; ol. caryoph., 16s. lb.; ol. eucalypt., 3s. 10d. lb.; ol. lini., 6s. 6d. gal.; ol. menth. pip. (redistilled), 24s. lb.; ol. olive (sublime), 2os. gal. ol. ricini E.I. No. 1 (bleached), 1s. 1½d. lb.; ol. tereb. rectif., 1s. 4d. lb.; opium pulv., 6s. 2d. oz.; papav. capsulæ ang. 4s. 3d. per 100; pil. quin. sulph. gr. ½s. 1d. b.; opium pulv., 6s. 2d. oz.; papav. capsulæ ang. 4s. 3d. per 100; pil. quin. sulph. gr. ½s. 10d. lb.; pot. biearb., 2s. 10d. lb.; pot. permang., 19s. lb.; pot. sulph., 2s. 1d. lb.; pot. biearb., 2s. 10d. lb.; pot. permang., 19s. lb.; pot. sulph., 2s. 1d. lb.; pot. biearb., 2s. 10d. lb

### Society of Chemical Industry.

### Bristol Section.

AT a representative meeting of technical chemists held at Bristol University on October 18, it was agreed to form a Bristol and South Wales Section of the Society. Rules were drafted, and Mr. T. Howard Butler was appointed Chairman of the Section. The question of the election of a Vice-Chairman was left open, in order that a suitable man might be chosen from the Welsh part of the area. Dr. Rixon of Bristol University, was elected Hon. Treasurer and Mr. R. F. Easton Hon. Secretary. For other members of the Committee the following were suggested: Bristol—Mr. C. E. Boucher (Ferris & Co., Ltd.), Professor F. Francis (Bristol University), Mr. C. J. Waterfall, analytical chemist, and Mr. J. Kewley (Asiatic Petroleum Co., Ltd.); South Wales—Mr. W. Bird (Bird & Son, tar-distillers), Professor C. M. Thompson (Cardiff University), Mr. E. C. Evans (Rhondda Research Laboratories), and Mr. L. Davies, consulting chemist. Meetings of the new Section will be held alternately in Bristol and South Wales.

#### Edinburgh Section.

The first ordinary meeting of the Edinburgh and East of Scotland Section of the Society of Chemical Industry for the present session was held in the Cockburn Hotel, Edinburgh, on October 16. Mr. D. B. Dott (the Chairman) delivered an address on The Teaching of Science in Schools and Colleges, with special reference to the training of chemists. The address was followed by a discussion. A paper was also read by Dr. Lauder and Mr. T. W. Fagan on The Utilisation of Fatty Acids for Feeding-purposes, The Chairman made reference to the loss which the Society had suffered by the death of Mr. R. D. Pullar. had suffered by the death of Mr. R. D. Pullar.

The Report of the Fuel Research Board (of which Sir George Beilby, F.R.S., is Director) has just been issued. A scheme of inquiry is outlined and the establishment of a fuel-research station indicated. The best results can only be hoped for, the Report states, provided a station is designed and equipped in which experiments on an industrial scale can be carried out. The object is to ascertain whether an economical and efficient apparatus can be devised for the carbonisation of coal at low temperatures, and whether by the use of such an apparatus products can be obtained of a collective value greater than that of the original coal plus the cost of carbonisation and handling. Some months ago the cost of carbonisation and handling. Some months ago the Director approached Dr. Charles Carpenter, chairman of the South Metropolitan Gas Co., with regard to a suitable site for a research station, which must be near a gasworks. As a result, Dr. Carpenter, on behalf of his company, offered to lease the Government, at a peppercorn rent, sufficient land at the East Greenwich Gasworks for the erection of a research station; to prepare drawings and specifications for this station on lines to be laid down by the Board, and to make contracts for its erection. Further, the company offered every facility for the transport of coal and other supplies to the station, and to take over at market prices the surplus products resulting from the operations of the station. A site has been agreed upon, which is planned to leave facilities for extension.

### " Camouflage."

[Suggested by last week's official eloquence in Lancashire and Yorkshire.]

QUOTH the President, cultured and courtly: "The Council is—mostly—pure gold; It is worshipped from Wigan to Wortley, It is worshipped from Wigan to Wor For strategy brilliant and bold; But we'll never, no never, abandon Our safe and secure apogee, Though the rabble may shout, And our eloquence flout; We despise it—that pert P.P.C."

Quoth the Vice, in a voice that ter-rembles With accents of sorrow and pain:
"The Council—er, mostly—dissembles
Its feelings, and though It would fain
Stand up to the Foes that assail It.
And crush them with swift repartee, It really must not:
The Unsquashable Lot
Would but mock us, and pipe 'P.P.C.'"

Quoth the Pilkington, pensive and peevish:
"We are hedged by a Barrage of Lies;
There are Persons, whose methods are thievish,
Whose actions occasion surprise;
For they dare to declare that Officials
Who grind out our leaders may be
In error; the thought
Points at once to a Plot:
We must starze out that vile P.P.C." We must starve out that vile P.P.C."

The German System declares that the interests of the German Empire are not only superior to all other interests, but that they are the only interests worth considering in the world. Break the solemn faith of treaties, the Fatherland requires it; hack a way through Belgium, German interests brook no delay; sink the merchant ships, not only of foes, but of friendly neutrals, leave no trace behind, it is by order of the Government. What are the rights of others if German might prevails? Deutschland über Alles. This profoundly immoral, this absolutely heathenish conception of the Germans had stained all their actions. All their wonderful performances in the war, all their military glory had been marred and tarnished and blotted out of the book of human fame.—Mr. Churchill.

### Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing an ! other incidental cutlays prevent retail buyers purchasing at the market prices quoted

### 42 Cannon Street, E.C. 4, October 25, 3 p.m.

Will subscribers please note that for the present the Trade Report closes for press somewhat earlier than usual?

The markets show a subdued tone all round this week, little of interest having transpired. Values of practically all kinds of Mincing Lane produce continue very firm, and where stock; are small sellers do not hesitate to raise prices on any inquiry. Among drugs and allied produce higher prices are asked for tolu balsam; orris has sharply advanced in Italy, and ipecacuanha is dearer. Scnega has been sold at full prices. Canary and coriander-seeds are dearer, cumin is firmer, and fenugreek firm. Cassia lignea has sold at higher rates. Among metals and chemicals crude antimony is scarce on spot, and cadmium metals lignea has sold at higher rates. Among metals and chemicals crude antimony is scarce on spot, and cadmium metal has been in more active demand lately; bismuth metal and quicksilver sell at very irregular prices. Copper sulphate is quiet for home trade, but for export there are plenty of buyers. Several of the potassium compounds (including carbonate) are now under Government control, and business can only be done under licence. Some confusion has been occasioned owing to the vagueness of the Order, but it does not apply to pharmaceutical products containing potash, like the bromides, iodides, etc. Acetic acid is in a precarious position owing to the ill-considered action of the Government in preventing dealers from importing fresh supplies. Acetanilide, formaldehyde and hexamine have a firmer tendency. Amidopyrin is still scarce; aspirin and salicylates are unchanged. Vanillin is still rising; phenacetin is again lower to arrive. still rising; phenacetin is again lower to arrive.

Higher	Firmer	Easier	Lower
Balsam tolu Canary-seed Cassia lignea Coriander-seed Ipecacuanha Mace Orris (Flor.) Shellac Turpentine	Cadmium Camphor (Jap. ref.) Cassia fistula Cumin-seed Hexamine Lime-juice Quinine	Benzoates Peppers	Benzo- naphthol Paraldehyde Phenacetin (forward)

### Cablegram.

New YORK, October 25.—Business is quiet. Oregon balsam of fir is higher at \$1.00. Menthol is steady at \$3.15; and jalap has advanced to 45c. per lb.

ACETANILIDE has slightly improved in value, but is still a cheap product at from 38. 3d. to 3s. td. net, prices which are below the American parity, from whence a shortage is

Actric Acid.—The Government's action in regard to acetic acid has given rise to severe criticism among the regular dealers, as they have prohibited importers from bringing in further supplies. It would be curious to know whether the Covernment is that me which the covernment is that me which the covernment is the dealers.

bringing in further supplies. It would be curious to know whether the Government intend making their own arrangements. Under present conditions all fresh business is stopped, so that eventually there will be an acute scarcity, with no limit to the price asked by spot holders.

ALBUMEN is firm at 3s. 6d. per lb. for Chinese egg.

ALOES.—The exports from the Union of South Africa during July 1917 amounted to 95,305 lb. (943t.), against 16,322 lb. (157t.) in July 1916. During the seven months ended July 1917 the exports were 244,653 lb. (2,431t.), against 715,825 lb. (6,769t.) fer the corresponding period of 1916.

Ambergris.—There was offered at auction last week three tins (weighing about 284½ oz.), part consisting of medium to bold grey pieces of middling flavour, for which 77s. 6d. per oz. was wanted, while for grey and black pieces 52s. 6d. was wanted, and for black undeveloped 35s. per oz.

was wanted, and for black undeveloped 35s. per oz.

AMIDOPYRIN.—Extremely small supplies are available on the spot, and value is about 70s. net.

ANTIMONY.—Although practically no business has been possible for a few weeks past in Chinese crude for forward shipment, the tone is rather firmer, chiefly owing to the marked lack of offers, this being due to freight scarcity. It is difficult to ascertain at what figure business might be put through; while cables from China quote up to 45l. c.i.f. U.K., buyens' ideas are still well under that figure. Meantime spot parcels are extremely scarce, and worth fully 45l. per ton. Business in regulus is also very difficult under similar circumstances, c.i.f. terms being 75l. to 78l. while spot is nominal at 85l. per ton.

ASPIRIN remains unchanged, with a fair and regular business done at from 14s. 6d. to 15s. net.

BALSAM TOLU has been in fair demand, with second-hand holders asking higher prices—viz., 2s. 10d. to 3s. for sound and 2s. 9d. for drossy.

BENZONTES.—Prices are still sagging a little, and holders

and 2s. 9d. for drossy.

BENZOATES.—Prices are still sagging a little, and holders are parting with their stocks at best prices obtainable.

BISMUTH.—The efficial price remains nominal at 11s. per lb. The demand has been much more active for ordinary trade purposes, both for near-at-hand and forward supplies. One hears of widely diverging prices being paid at several shillings over that figure.

BUCHU.—The exports from the Union of South Africa during July amounted to 20,028 lb. (3,293l.), against 6,159 lb. (405l.) in July 1916. The exports for the seven months ending July 1917 were 119,007 lb. (19,348l.), against 108,490 lb. (17,202l.) for the corresponding period of 1916.

CADMIUM.—The demand has been more active lately, and prices are again harder, ranging from about 7s. 6d. to 7s. 9d. per lb. There are not now so many cheap parcels coming on offer.

CALUMBA.—For a small lot of small to bold selected washed

Calumba.—For a small lot of small to bold selected washed 140s. is asked.

CAMPHOR.—Holders of Japanese refined slabs on spot (London) are now asking 3s. 9d., and 4s. 2d. to 4s. 3d. for 4-oz. tablets. The exports from Japan during July amounted to 279.804 kin, valued at 519,354 yen. During the seven months ended July 31 the exports were as follows:

		1915	1916	1917
Kin		2,146,693	3,175,361	2,005,030
Yen	•••	1,956,360	2,978,749	3,409,110
The destinations	were	as follows:		
		1915	1916	1917
		Kin /	Kin	Kin
British India		738,963	892,535	562,893
Asiatic Russia	•••	136,081	336,215	283
Great Britain	•••	268,964	614,490	46,583
France		408,965	262,750	66,618
United States		411,801	921,620	1,210,514
Australia		106,580	51,506	36,807
Other countrie	es	95,339	96,245	81,329
		2,166,693	3.175.361	2.005.030

CANARY-SEED is dearer at 105s. to 109s. per quarter for fair to good Morocco.

CAPSICUMS.—At auction 32 bales fair medium red stalky East Indian sold at 40s.

CASSIA FISTULA remains scarce, with one holder asking

Cassia Fistula remains scarce, with one holder asking 75s. for a few bags.
Cassia Lignea is dearer, with spot business at up to 75s. per cwt. and 77s. 6d. asked. Prospects for further arrivals are poor in view of the shipping situation.
Cinchona.—The auction to be held at Amsterdam on November 8 will consist of 1,262 packages (958 bales and 304 cases) pharmaceutical bark, weighing 73,665 kilos., and containing the equivalent of 2,213 kilos. quinine. The first-hand stock at Amsterdam on October 18 consisted of 315 packages Government and 2,764 packages private bark, making a total of 3,079 packages, including the first-hand lots to be offered on November 8.
CLOVES.—Zanzibar are firm, with small spot sales of fair at 2s. per 1b.

at 2s. per lb. Cocaine.—Small quantities of hydrochloride are obtain-

ablo from stock at 37s, 6d. per oz.

COPPER SULPHATE.—There seems to be plenty of buyers for COPPER SULPHATE.—There seems to be plenty of buyers for export subject to permit at around 66l. per ten, usual Liverpcol terms fo.b., less 5 per cent., but sellers are rather hard to find even at 67l. Until fresh licences are granted business of course is chiefly held up. The tone is undoubtedly strong, while makers encounter some little difficulty regarding their supply of metallic copper. Only small lots of culphate are now required for the home trade,

business being reported at figures equal up to 67l., Liverpool basis.

CORIANDER-SEED is dearer, with sales of fair to good Morocco at 75s. to 80s. per cwt. on the spot.

CREAM OF TARTAR maintains its previous price of 315s. per cwt. on the spot. It is felt that the recent advance has been "overdone," and buyers would do well to withhold their support from the market.

CUMIN-SEED is firmer, 67s. 6d. per cwt. being now the lowest price for fair sifted Morocco, with business done

thercat.

FENUGREEK-SEED is firm at 44s. per cwt. for Morocco on the

spot.

FORMALDEHYDE is rather firmer in U.S.A., but prices on spot—127s. 6d. to 130s.—show no change at present.

GENTIAN has sellers at from 80s. to 82s. 6d. per cwt. on

GINGER.—In Liverpool spot supplies of Sierra Leone are reported cleared up to 49s, per cwt. At auction in London 263 bags washed rough Cochin were beught in at 70s., and 172 bales and 120 baskets good brown Calicut at 67s.

GURINIO OIL.—Sales on the spet have been made at 1s. 2d.

HEXAMINE has been in more inquiry, and 4s. 3d. is now

regarded as fair current spot value.

IPECACUANHA.—Holders of Matto Grosso are new asking from 12s. to 12s. 6d., with the possibility of obtaining a limited quantity at 11s. 9d. Cartagena is 11s.

LEMON OIL, it is thought, should improve in value owing to the hurricane in Sicily. Spot prices are from 4s. to 4s. 3d., and to arrive from 3s. 10d. to 4s. c.i.f. is quoted.

48. 3d., and to arrive from 58. 10a. to 48. C.11. Is quoted.

Lime-juice is firmer, with prices showing the wide range of from 58. to 58. 9d. per gal., the latter for fine pale raw.

Mace was much dearer at auction, 21 barrels West Indian selling at 28. 7d. for breken and pickings; 15 packages broken and mixed Macassar sold without reserve at from 28. 7d. to 28. 11d.

OLIVE OIL.—A limited quantity of French "sublimed," wight be held at 108. 6d. year gal.

Offive Oil.—A limited quantity of French sublined might be had at 19s. 6d. per gal.

Offive remains firm, with 10-per-cent. Persian offering on the spot at 65s. per lb. A few small arrivals of Persian and Indian have taken place.

Orris.—Advices from primary sources intimate an advance of about 12s. 6d. per cwt. owing to Italian buying. London spot prices have not followed this advance yet, as fair Florentine sorts are still obtainable at from 80s. to \$5s. per cwt.

PEPPERS are quiet, with prices not quite so firm. of fair black Singapore quote 1s.  $2\frac{1}{2}d$ , and fair Tellicherry at 1s. 4d.; fine has been sold at 1s.  $4\frac{1}{2}d$ ., and Alleppy is 1s.  $5\frac{1}{2}d$ . There are buyers of fair Singapore white at 1s.  $5\frac{1}{2}d$ ., and sales of Muntok have been made at 1s.  $5\frac{3}{2}d$ . and sellers.

PHENACETIN.—To arrive from the United States the lower PHENACETIN.—To arrive from the United States the lower figures of from 33s. to 35s. per lb. are quoted, the spot values being from 52s. 6d. to 55s. In regard to the much lower prices circulated for forward delivery it is difficult to ascertain whether these emanate from bona-fide manufacturers, or whether they are put in circulation by dealers with a view to "bearing" the market. In any case, a proper guarantee of quality and delivery should be insisted on when buying at these prices, as it is suggested that they are lower than the market situation actually warrants.

PIMENTO is firm, with spot sales at from  $4\frac{1}{6}d$ . to  $4\frac{1}{4}d$ . per lb. In auction 500 bales sold at  $4\frac{1}{6}d$ ., at which price

there are further buyers.

POTASH COMPOUNDS .- The Order of the Minister of Munior muriate of potash, carbonate of caustic potash, chloride or muriate of potash, carbonate of potash, and sulphate of potash, and any material (other than blast-furnace dust) of which more than 10 per cent. consists of any one or more of the above, has given rise to uncertainty as to whether it applies to pharmaceutical chamicals. of the above, has given rise to uncertainty as to whether it applies to pharmaceutical chemicals, like potash bromide, iodide, permanganate, etc.; but it has been ascertained that the Order does not apply to these pharmaceutical chemicals. There is, of course, practically no caustic potash to be had, supplies being negligible. Very fair quantities of Russian potash carbonate have been consigned to this country from time to time, mostly through bankers, and it is difficult to say how these consignments will be disposed of, and the position is very indefinite. Of potash muriate or chloride certain quantities from Abyssinia are arriving and have arrived here, and it will be interesting to know if they are to be controlled. Sulphate of potash is produced in this country as a by-product to some extent, and doubtless stocks will be taken over.

POTASHES.—Owing to the Government having assumed

POTASHES.—Owing to the Government having assumed control of potash carbonate, together with several other of the salts (see p. 33), trading in Montreal potashes has temporarily ceased.

QUICKSILVER.—Although the market shows considerable irregularity according to sellers of controlled or uncontrolled supplies, the tone is very firm, 20l. 10s. per bottle being regarded as the official price at which requirements against war work are being attended to. Terms, however, vary several pounds per bottle over that figure for the small orders negotiated for general trade purposes. There seems to be a fair supply available, although the imports for last month showed some falling off against the previous month at 1,259 bottles, comparing with 545 bottles for September last year. The total imports for the nine months were 23,952 bottles, this representing a monthly average of about 2,660 bottles. The accuracy of these figures cannot altogether be depended upon. Advices from America speak of the output there as being well maintained, but the much larger supplies secured, compared with pre-wartimes, are by no means excessive in view of the increased war requirements.

Quinine.—Makers' prices remain unchanged, but as they

QUININE.—Makers' prices remain unchanged, but as they are fully engaged practically up to the end of the year they are not making sales. Any second-hand holders, and they are few, who may have small parcels of sulphate "free from control" can obtain a premium, and it might be possible to buy a limited quantity at 3s. 3d. per oz.

Saccharin.—Spc\* sales have been made of 550-strength at 410s. per lb., and to come forward from U.S.A. 350s. for October shipment is quoted, and later shipments up to from November onwards to January are offered at correspondingly declining figures as to position. There are, however, practically no buyers forward, as it is felt the present inflated market carnet be sustained. inflated market cannot be sustained.

SALICYLATES are unchanged, and the tendency is firmer, if anything, owing to the good demand at this period of the year. To arrive salicylic acid is quoted at 6s, 6d., the spot values being 6s, 9d. to 7s. Salicylate of soda is 8s. 6d-to arrive, and 9s. to 9s. 3d. for powder on the spot.

SENEGA remains firm, with spot sales at 4s. 3d. per lb. net.

SHELLAC.—Although the demand is slow the spot market for usual standard quality TN Orange shows an advance of about 10s. on the week, closing on Wednesday at 245s.; fine orange is 305s., and blocky AC Garnet 255s. Futures are also dearer.

are also dearer.

SULPHUR.—With reference to the notice on p. 49 of our issue of September 15 relative to maximum prices for sulphur, it is notified that the "Gazzetta Ufficiale" (Rome) of September 28 publishes a decree, dated September 26, fixing new maximum prices for sulphur, rough or worked, in Sicily, as well as in Italy and the Italian Islands. The text of the decree (in Italian) may be consulted by British firms interested at the Department of Commercial Intelligence, 73 Basinghall Street, London, E.C. 2.

TARTARIC ACID is quoted at from 2s. 10½d. to 2s. 11d. per lb. TURPENTINE has been very active and dearer, closing or

TURPENTINE has been very active and dearer, closing on Wednesday evening at 88s. 6d. per cwt. on the spot for American.

Vanillin.—In consequence of the high price of elove oil values should be about 60s., but there are second-hand parcels offering at 2s. 6d. less.

#### French Lavender Oil.

The distillation of French lavender oil finished a fortnight ago, and prices in the various markets, such as Drome, Vaucluse, etc., have now a more settled appearance (writes a French correspondent under date of October 20). For the finest qualities (containing 35 to 36 per cent. esters) as much as 45 francs per kilo, is asked in Paris, and lower as much as 45 francs per kilo, is asked in Faris, and lower-qualities (30 to 32 per cent, esters) have realised 42 francs per kilo. Although the appearance of the flower-beds has been splendid, the yield with regard to oil obtained by distillation did not by any means reach the standard of former years, many of the flowers being withered on the stalk owing to lack of labour. Stocks of oils dating from last year's crop being well-nigh exhausted, the general opinion entertained by traders is that the price of lavender oil will advance rather than decline oil will advance rather than decline.

### French Essential Oils Market.

Paris, October 23

ANISE OIL (STAR) is dearer at 16fr. per kilo., with some importers quoting up to 17.50fr. for Tonkin (Marseilles duty

CEDAR-WOOD OIL (VIRGINIAN).—A few drums from the U.S.A. are expected at 4.50fr., c. and f. Bordcaux, all insurances to be secured by buyers.

ESSENCE BOIS DE ROSE CAYENNE is very firm at 42fr.

GERANIUM OIL (BOURBON).—A cable from Isle Réunion has reached Paris quoting 50fr. per kilo., war risks excluded. Sellers are asking 55fr. to 56fr. per kilo., free Marscilles (packing in drums of 250 to 300 kilos.).

Kananga Oil (Java) is easier owing to lack of demand; parcels are offered at 60fr. per kilo. delivered in drums of 250 to 300 kilos.

LINALOE OIL (MEXICAN).—Owing to lack of freight the big importers are asking 40fr. per kilo., and higher prices are expected.

VETIVER OIL (BOURBON) is dearer at 115fr. per kilo.; there are very few arrivals.

### Arrivals of Chemicals, Drugs, etc.

THE following arrivals have taken place at the Ports of London and

Liverpool: To London. (October 6 to 19.) Acetic acid, 9 cks. 375 bris. Alcohol, wood, 13,520 gals. Amyl acetate, 3 cs.
Antim., crude, 130 tons
Araroba, 46 cs. Argol, 192 bgs. Arsenic, 800 cwt. Baking - powder, 600 Barbitone, 1 cs. Benzyl acetate, 1 cs. Bromides: potash, 5 Caffeine, 1 cs. Calc. carbide, 2,000 cwt. Calcium phosphate, 400 tons Camphor, 300 cs.

Carmine, 10 cs. Casein, 250/. Cassia fistula, 20 bkts. Chemical prod., unrated, 20 kgs. 12 cks. 26 cs. 38 drms. Chloral hydrate, 11 cs. Chlorophyll, 2 cs. Chromic acid, 1 cs. Chromic acid, 1 cs.
Creosote, beech. 5 cs.
Cubebs, 20 bgs.
Dagga, 58 bgs.

Dental goods, 170l. Dragon's-blood, 34 cwt. Drugs and herbs, un-rated, 8 bls. and 271.; white-pine bark, 3 bls.; witch - hazel leaves, 39 bls.; wild-cherry bark, 4 bls. Drugs, unrated, 46*l*. Dyestuffs and tanning

materials, unrated, 49 pkgs. 10 cs. 10 cks.; gambier, 340 es.; indigo, 4 es.; myrabolans, 3,533 bgs. 2,234 pkgs. 15 bls.; talmello-berries, 7 bgs.; tanners' bark, 1,238 tons Formic acid, 180

dminns, Galls, 1,360%. Gamboge, 3 cs. Gelatine, 1,680l. Gentian powder, 20 bls. Gums (cwt.): acacia,

848; karaya, 73; kauri, 404; oliba-num, 1,452; trag-acanth, 1,210 Heliotropine, 2 cs. Henbane-leaves, 38 bls. Hydroquinone, 5 cs. Juniper-berr., 170 bgs. Kola, 39 bgs

Lanoline, 44-1. Liniment, 1,9211. Lycopodium, 242 pkgs. Magnes. carb., 100 bgs. Methyl. salicyl., 16 cs. Milk sugar, 56 brls. Musk, artificial, 2291. Myrrh, 38 cwt.

Nuts and kernels: arachis, 18,400 bgs. 75
cwt.; copra, 5,560
cwt.; palm-kernels, 6,800 bgs. and 21,160

Oils, essential, 82 cs. 4
pt. cs. 7 cbys.; synthetic oils, 27 cs.
Oils, fixed: arachis, 86 cks.; coconut, un-ref., 747 cs. 95 pkgs 50 pns.; herring, 1,000 cs.; palm, 431;

Ointment, 100% Opium, 101 cs. Oxalic acid, 40 kgs. Perfumery, unrated, 1,553%; floral water, 19 cbys.; toilet-powder, 2,030%.

Petroleum jelly, 536 pkgs.
Phenacetin, 5 cs.

Podophyllum-root, 428 bgs. II pkgs. Potash iodide, 18 cs

Pumice stone, 51 tons Pyrogall. acid, 6 brls. 5 Quinine, 42,900 oz. Quinine ethylcarb., 1

Rosin, 1,000 brls. 53 Sal acetos, 40 kgs. Saltpetre, 2,920 cwt.

Seeds (bags): annatto, 57; canary, 892; coriander, 571; cotton, 4,070 tons; dill, 90; lin, 203; rape,

Senega, 2 bls.
Senna, 419 bls.
Soap, toilet, 186<sup>1</sup>.
Soda benzoate, 10 cs.
Soda salicylate, 19 cwt. Soda, unrated, 19,983 cwt.

Starches (cwt.): dex-trin, 290; farina, 1,600; maize, 4,543; rice, 519; unrated, 1,000 Stearine, 462 bgs.

Tale, 350l.
Tallow, 2,151 cwt.
Tartaric acid, 250 kgs. 12 cks.

Turmeric, 808 bgs. Urodonal, 44 cs. Valerian-root, 60 bgs. Viterol, 1 cs.

Wax, not described, 2,075 pkgs. 59 cs. 30 bgs. 72 bls. Wax paraffin, 7,735 cwt.

Cancelled entries : Apri anteueta entries'; Apri 3, gum acacia, 200 cwt.; June 8, pot. muriate, 500 bgs; June 29, wood oil, 529'.; July 4, wood oil, 1,212'.; Aug. 8, cinchona, 70 bls.; Aug. 15, essent. oils, 35 cs.; synthetic

35 cs.; synthetic oils, 30 cs.; Aug. 23, wood oi!, 2,390%. To Liverpool (October 8 to 20.) Acetate of lime, 2,666

bgs. Acetic acid, 791 brls. Annatto paste, 6 cks. butter-colouring, 128 CS. Argol, 500 bgs.

Arsenic, 19 tons Boro carbon, 11 tons 11½ cwt. Calabar beans, 2 bgs. Calc. citrate, 13 bgs. Carbon black, 640 cs. Cassia, 20 cs.

Chemical prod., unrated, 56 brls. Coal-tar products, 14 drms.

Cream of tartar, 104

Drugs, unrated, 2,027 pkgs. 156 bls. 269 cs. 280 bxs. 33 crts. 58

yestuffs, etc., unrated, 307 brls. 10 cs.
8 cks. 3 pkgs.; dyewood, red, 2 tons;
cutch, 850 bxs. 300
×½ cs.200 pkgs.; dyewood ext., 15 brls.;
fustic ext., 50 brls.;
gall nut ext., 156 cs.;
logwood ext., 738
cks.; gambier, 3,876
cs.; mangrove-bark,
2,410 bgs.; myrabolans, 24,584 pockets; oak extract,
300 cks.; quebracho ext., 25,529
bgs.; tanning bark, bgs.
Dyestuffs, bgs.; tanning bark, 9,662 bgs.; tara-9,662 bgs.; tarabeans (tanning), 748 bgs.

Formaldehyde, 13 tons 11 cwt. Glycerin, distilled, 100

Gum damar, 50 cs. Kola, 63 bgs Lithopone, 1,146 brls. 10 / eks. Manganese dioxide, 27

cks. Methyl salicylate, 35

Milk sugar, 44 brls Mineral white, 200 bgs. Nickel oxide, 283 brls. Nuts and kerneis (bags): arachis, 26,164; copra, 16,618; ivory nuts, 422; palm-kernels, 244,572 bgs. and 480

tons Oils, essential, 59 cs. 49 drms. 20 crts.

Grms. 20 crts.
Oils, fixed: arachis, 480
cks. 6,298 cs.; colza,
110 brls.; fish, 3,100
cs.; olive, 20 cs.;
palm, 5,043 cks. 114
brls. 30 butts; soya, 500 cs.; sperm, 700 cs.; whale, 14 drms.; wood, 149 cks.

Petroleum jelly, 865 cs. Phenacetin, 16 cs. 5

pkgs. Potash carb., 112 cs. Pyrogall. acid, 5 cs. Rosin, 3,472 brls. 155 cks. Salicylic acid, 30 cs. 23

pkgs. 37 bris. Saltpetre, 4,170 bgs.

Seeds (bags): cotton, 6,398; dahl, 273; sesame, 133 Soda acetate 65 brls.

Soda acetate 65 brls.
Soda mirate, 1,007 bgs.
Soda salicylate, 12
pkgs. 3 cs.
Starches, 8,026 bgs.
15,708 pkgs. 2,950
cs. 215 sks. 10,400
bxs.; dextrin, 672
bgs.; farina, 2,420 bgs. Talc, 3,228 bgs.

Tallow, 200 cs. 16 pkgs.
181 cks.
Wax, bees', 1,138 bgs.
36 chts. 516 tierces
31 cs. 43 pkgs.
Wax, carnauba, 46 bgs.

Wax, paraffin, 9,340 bgs. 281 brls. 9 cks. Zinc oxide, 1,800 brls



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor,

Drug Tariff Terms.

SIR,—The letter from my Scarborough friends gives me an opportunity of stating that neither Mr. Skinner nor myself was invited to attend the final Conference. Had I been there I should have voiced the opinion of the New York and the New York of the New Y N.E. Area. At the Newcastle meeting it was pointed out by the Chairman that there was no occasion for my selection as a delegate because I should be present as a member of as a delegate because I should be present as a member of the Council. My exclusion was particularly unfortunate, because the N.E. delegates refused my modest amendment of 4d. for a higher fee. This drastic handling of the L.A.E. proposal called for strong action on my part, and the need for the Commissioners to know that there was a demand for higher terms than those officially suggested as sufficient. I claim it was my duty to assist in compelling the L.A.E. to disclose the dissatisfaction that exists. Residentially I represent an area which has always taken a firm line in regard to National Health Insurance matters. Newcastle was alone in demanding a real remuneration. Newcastle was alone in demanding a real remuneration. Sheffield was alone in pointing the way to real representa-tion. I am glad to be associated with a district where delegates like Messrs. Chapman and Whitfield have grit enough to stick to their guns .- Yours faithfully, FRANK G. HINES.

SIR,—In the C. & D., October 20, p. 51, there is a letter from Messrs. Chapman and Whitfield which calls for an immediate reply. I am convinced that these gentlemen had no desire to make a personal attack on myself or on the other Newcastle delegates to the London Conference, but unfortunately they have fallen into a practice far too but unfortunately they have fallen into a practice far too common in newspaper controversy at the present time of making charges based on an imaginary grievance without first taking the trouble to ascertain facts. That the official account of what took place in London was misleading I readily admit, and thoughts of surprise and dissatisfaction must have passed through the minds of many besides your correspondents. Why the Council did not circulate to each Pharmaceutical Committee a full report of what took place. I cannot understand. A curious commentary on the action I cannot understand. A curious commentary on the action of your correspondents is that on the very day their letter was made public I received a most courteous communication from the Secretary of the Scarborough Pharmaceutical Committee (the Committee with which one of these gentlemen is associated) asking for information about the London Conference. To this I replied fully, and in the same friendly spirit. I can only suppose that Mr. Whitfield was in ignorance of the action of his Secretary, otherwise he would surely have waited for the information asked for before committing himself to vain conjectures and absurd deductions. tions. Before going to London each delegate was furnished with a summary of the conclusions of the various district Conferences. From this document I learnt to my surprise that practically every detail of the L.A.E. scheme had been accepted at every centre with the exception of Newcastle. Now, there are just a few words in your correspondents' letter which I accept as truth. They are these: "To be in the minority does not prove that you are wrong." It was in this spirit that I journeyed to Lovden but I was sourced for the casual. When London, but I was sarcely prepared for the sequel. When I stood up and, by arguments which I in my conceit regarded as very good, endeavoured to press the Newcastlo claim that, in addition to the suggested 3.5d. fee, there should be, as at present, an establishment-charge of 1.1d., I realised that I could count on very little support; but imagine my feelings on sitting down to find that there was no one prepared to second this amendment, which of course fell to the ground. What had become of the other two delefell to the ground. What had become of the other two delegates from Newcastle I am at a loss to know, but what I want to make clear is that there was official opposition to the L.A.E. proposals, though too insignificant for notice in the official report, and that the delegates who represented the views of your correspondents were not all either "mesmerised" or overawed by that august assembly. In conclusion, I would like to ask, What is the real value of such Conferences? So far as the Tariff is concerned what did the London Conference achieve that could not just as did the London Conference achieve that could not just as easily have been accomplished by letter? Each man was there simply to say "Amen" to what his district had

decided. I hope to see the day when we shall send representatives and not automatons to London: men with power sentatives and not automatons to London: men with power to discuss and modify, if desirable, but where the final issue on matters of vital importance to the craft shall be decided by ballot, and not by a hand vote in a Conference-room. I am absolutely loyal to the Society and to the L.A.E., and do not believe in any "counter-move," but it is common knowledge that the L.A.E. scheme is unsultable to a large if counter with vital to a large if the counter with the large if the counter with the large if the lar palatable to a large if loyal minority.—Yours faithfully, T. H. Fleming, One of the Newcastle Delegates.

Some Reflections.

Sir,—Your correspondent who wrote under the above heading, C. & D., October 13 (p. 50), hits the nail fairly on the head when he inquires; "Isn't it time we had a retail chemist as President of the Pharmaceutical Society?" To my mind the query is both pertinent and opportune. I happened to be one of the few chemists who accepted the invitation to strong the Tailff mention at Bl. on how Square invitation to attend the Tariff meeting at Bl. omsbury Square, and the President, in replying to some of the remarks I made, assured us that "chemists were making pocketfuls of money." Well, I have little opportunity of hob-nobbing with the nobs of our craft, but I have met many of the ordinary, work-a-day retailers, and they one and all tell me the reverse is the case. I am no pessimist, and am probably in the minority when I say that if it were possible again to have the choice of a calling I should choose to be a retailer in pharmacy. Such speeches from the President, although they may disarm criticism, ignore real facts. Another remark of Mr. White's was that he did not consider himself serious enough to have aspirations for a seat in the House of Commons—en passant, are there not times when he treats matters pharmaceutical with undue levity? I note that your correspondent complains that an old-time invitation to attend the Taiiff meeting at Blomsbury Square, I note that your correspondent complains that an old-time democrat is now a thoroughgoing reactionary, and I may add that some of the more recent additions to the Council seem to have little to recommend them except their windy speeches, albeit these same gentlemen seem to be continually in the limelight lately. In conclusion, "Flagrante Bello" may rest assured that there are better times in Bello" may rest assured that there are better times in store for the real progressives, and to the numerons gathering of panel chemists who met at the Arundél Hotel on October 4 the speech by Mr. Hines, although regretably so brief, was fearless and sincere. Evidently the chilly douche Mr. Hines received on his first appearance in the Council-chamber has not taken the "hot-air" out of him, and he is not likely to succumb to the soporific atmosphere of the Council-chamber. All power to his elbow and all other elbows which dig into officialdom at 17 Bloomsbury Square.

Yours faithfully,

NEWMAN HOWARD SCHOLLAR.

Apprentices' Salary.

SIR,—You invite subscribers to suggest a suitable salary for an apprentice. I give 5s. a week to commence, rising 2s. 6d. a week every six months, finishing the last six months at 22s. 6d. a week. The apprenticeship is for four years, and the Preliminary examination must be passed before commencement. The hours are from 8 A.M. to 8 P.M. in summer and 9 A.M. to 7 P.M. in winter; Saturdays to 9 P.M. at all seasons, and, of course, the usual half-holiday. My apprentices get a fortnight's holiday annually, with wages, and all public holidays. Sunday duty does not commence until the third year of service, and then is confined to two separate hours one Sunday in the month. I have always a big list to choose from, and my experience of both sexes is most satisfactory. SIR,—You invite subscribers to suggest a suitable salary of both sexes is most satisfactory.

Dum Vivimus Vivamus. (158/55.)

Scotch Pharmacist (14/10) writes that the amounts paid locally for four years are 10l., 15l., 20l., 25l., respectively, to male or female apprentices.

British Toilet-articles.

SIR,—As an assistant I spend a part of my time behind the counter, and I have been struck particularly by the scarcity of good British toilet-articles. The constant demand for French and American goods is really astonishing, and the despair which the majority of customers show when they are told that further supplies are unobtainable is lamentable, indicating, in my opinion, the lack of enterprise by our manufacturing honses. The great sccret of toiletarticles is their neatness of design and packing, together, of course, with thoroughly reliable contents. There are very few British articles which are put up really pleasing to the cye or, as far as personal experience goes, satisfactory for use. Now that most of the French and American articles are off the market there is a great field for onr manufacturers to step in and bring out neat, attractive SIR,—As an assistant I spend a part of my time behind the manufacturers to step in and bring out neat, attractive articles with reliable contents. As an illustration of what can be done in this way one has only to refer to the "Golden Scries" of A. & F. Pears to realise the possibili-

ties of attractive specialities. The majority of our soaps, creams, tooth-pastes, and such-like articles are usually encased in either too dull or too glaring a container. One misses the artistic finish in the British product which is found in the foreign one. I have had a fair experience in salesmanship, and I think can give an article as much recommendation as most salesmen, yet I cannot accumulate sufficient enthusiasm when advising the substitution of British articles to customers for the foreign ones, owing to their lack of appeal in themselves. We are winning the their lack of appeal in themselves. We are winning the war, and we hope for a speedy finish. Let us also look to our laurels in the trade war that is coming, and see that our markets are not so full of the foreign article in the future.

Yours faithfully, Folkestone.

J. J. COOPER.

Trade versus Profession. Trade versus Profession.

SIR,—Your report of a recent Bradford meeting states that Mr. H. Wolff said that "his views did not suit some people," and that "Diogenes Junior had stated that men with such views ought to be kicked out of pharmacy." I suppose that it is Mr. Wolff's keen sense of humour which permits him to make these amusing travesties of the truth. A man of so great moral sensibility could scarcely be prompted by any other motive in deviating in this way from accuracy of statement. As, however, I am not thoroughly conversant with this gentleman's opinions, I am and have been, unable to say whether the holder thereof and have been, unable to say whether the holder thereof requires "kicking" or not. But I hardly think so. A burst of laughter would probably be the more appropriate and spontaneous answer.—Yours faithfully, Diogenes Junior.

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on

M. L. (155/40).—The references to the venereal diseases must be taken out of the wording on the label for capsules if the remedy is sold on and after November 1.

Injection (17/10).—The title "Antiseptic and Preventive Injection" in conjunction with the directions "to be used three times a day" would, we think, render the seller liable to the penalties of the Venercal Disease Act—the preparation being "held out" for preventing a disease which in this case is known to the public as being gonorrhea.

W. N. (162/49).—The wording on the mouth-wash "for the prevention and treatment of caries" would not render the preparation liable to medicine-stamp duty, caries being ta decay and not a disease of the teeth. The Commissioners have so far not held that decay of the teeth (caries) is an ailment within the meaning of the Medicine-stamp Act.

L. L. (163/24).—COCAINE SOLUTION.—The time has been extended "until further notice" during which chemists may supply unregistered deutal practitioners with a 1-percent. solution of cocaine for use in their practice. You must make an entry of the sale in your cocaine register, and the customer must sign the poison register in accordance with the provisions governing the sale of cocaine.

J. (149/42).—The British Pharmacopæia is the presumptive standard for boracic-acid ointment, although the sumptive standard for boracic-acid ointment, although the ointment had acquired a considerable popularity before the General Medical Council admitted it to the Pharmacopæia. The difficulty which would be encountered in selling any other boracic-acid ointment than that of the Pharmacopæia is that the customer would need to be informed each time that the ointment you are selling is an improved form and not that of the British Pharmacopæia. Explanations are wearisome, and chemists generally in the end take the line of least resistance and confine their sales to the Pharmacopæia article. their sales to the Pharmaconxia article.

L. W. M. (161/40) is engaged as manager of a business, L. W. M. (161/40) is engaged as manager of a business, one of the terms of the agreement being that he is to be paid a commission of 5 per cent. upon "all increase of business donc." "L. W. M." maintains that in ascertaining the increase of business during any particular year comparison must be made with the year previous to the commencement of his engagement. His employer, on the other hand, maintains that regard must be had to the previous year only in each case when deciding to what extent the business transacted has increased. Whose contention is the correct one? [The agreement appears to be ambiguously worded, and the Court might decline to enforce it upon the ground that the parties had different terms in contemthe ground that the parties had different terms in contemplation. In our opinion the more reasonable construction to put upon the words used is that suggested by "L. W. M."]

### Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles per to publish supposed formulas for them.

H. M. W. (152/29).—MANUFACTURE OF SOFT SOAP.—The fol-Eowing is the formula for the manufacture of soft soap to which you refer; it was first published in the C. & D. many years ago:

Dissolve 20 lb. of caustic potash in 3½ gals. of water; when cold pour the solution, in a thin stream and slowly, ento 3¾ gals. of cottonseed oil, stirring with a wooden stirrer 3 in. broad. Stir gently until the potash and oil have combined and the mixture has the appearance of honey. Cover and set aside in a warm place until next day, then stir gently but well, and set aside for several days. The product is for demestic use; it is too stift for sale, but if that is desired mix with it a third of its weight of water aiding the process by heat but of its weight of water, aiding the process by heat, but the mixture should not be boiled. Instead of cotton-seed oil 75 lb. of tallow or grease (e.g., kitchen waste) may be used.

September (147/44).—INSURANCE PRICING.—An easy method of obtaining the price per lb. from the given price per gal. of oil is to divide the price per gal. by specific gravity multiplied by 10. In the case of ol. morrhuæ at 22s. 6d. per gal, the price per lb. will be 29d. (not 24½d., as you make it). It must be remembered that the Tariff "lb." is a hypothetical pound of 7,000 grains or minims, and that 24½d. is actually the price of 14.58 ounces.

Wilts (148/11).—(1) SALICYLIC ACID is not poisonous in the ordinary acceptance of the term. The maximum medicinal dose according to the French Codex is 60 gr. during the day, which gives you plenty of latitude in the use of plums preserved in a one-in-a-thousand solution. (2) GLUCOSE should be used in jam in place of sugar. It is an efficient preservative preservative.

- J. F. L. (148/33).—SHELLAC IS SOLUBLE in a solution of borax. One ounce each of shellac and borax are boiled in a pint of water until solution takes place. The solution is finally strained.
- E. F. C. (156/6).—The remedy for the state of affairs you mention is to break the doctor of the paraldchydc-morphine Bahit.
- A. G. S. (154/30).—Making Dry-cells.—A good method was given in the C. & D., January 13, p. 51. We have not space to repeat it.

Nemo (154/48).—Removing Nits from Child's Hair.—The use of spirit is generally sufficient, but in children's institutions benzolino or other grease solvent is employed. You must be careful to warn your customer of the danger of fire when using volatile liquids like benzoline.

- R. R. D. (Bombay) (131/1).—THE MANUFACTURE OF ASPIRIN AND SACCHARIN could only be carried on successfully by one well versed in chemistry. Your idea of obtaining a "detailed and typed account" of the processes gives the impression that you imagine the operation as simple as compounding a cookery recipe.
- C. P. (155/17).—Eusol.—The formula for this is as follows:

To one litre of water add 12.5 grams of bleaching-powder; shake vigorously, then add 12.5 grams of boricacid powder, and shake again. Allow to stand for some hours, preferably overnight, then filter off, and the clear solution is ready for use.

The formula was first published in the C. & D., July 31, 1915, p. 144, and since then several different methods of compounding eusol have been suggested, but the proportion of the ingredients is the same as given above.

B. M. (15/10).—Seerrhæa.—The irritation of the scalp to which you refer appears to be seborrhæa. The sulphurand-salicylic ointment you have been using is correct, but it should not be continued too long, as it tends to irritate the scalp. You should now use an ointment of hydrammon. gr. v., paraff, moll. flav. ji, washing the head twice a week with soap and hot water. The same ointment will be found effectual for the eczema of the skin. If any article of diet has been indulged in to excess, try to eliminate or reduce it. Coffee, tea, and apples are articles of diet which in some people cause a tendency to eczema. diet which in some people cause a tendency to eczema.

E. S. O'C. (148/50).—HAIR-WASH POWDER.—We are unable to tell you the composition of the sample you send. It does not respond to tests for borax, sodium carbonate, and similar substances, which are generally used in hair-wash

Home Rule (160/20).—VETERIMARY REMEDIES.—The mixture for curd in calves is an alkaline liquid containing magnesium and zodium carbonates, flavoured with peppermint. The red-water mixture is after the style of the Cheshire red-bottle, for which a formula is given in "Veterinary Counter-practice."

T. H. (165/11).—COUGH-TOFFEE.—The variety of toffee which is credited with being "good" for coughs is the ordinary butterscotch, flavoured with anise, and generally darkened with extract of liquorice. The basic formula is-

Put the water, sugar, and cream of tartar into a pan and stir till boiling; do not stir after it begins to boil. Add the butter after removing from the fire, but do not stir in too briskly.

- P. E. H. (162/47).—The sample you send is a liquid paraffin, but not sufficiently refined for medicinal use. It could, however, be employed as a lubricant, and should be offered to engineering firms.
- P. H. G. (129/34).—Application for Mange in Dogs.-This appears to be the old Balsam of Sulphur, which is made as follows:

Sublimed sulphur ... ... 5ij.
Olive oil ... ... ... Oj.
Heat the oil in a large iron vessel and add the sulphur gradually until they are united.

- W. E. H. (153/21).—THE DIARRHEA-POWDER is, we think, powdered oak-bark or some similar natural astringent. Oak-bark is administered as an astringent in doses of 15 to 30 gr. every two hours.
- R. M. W. (112/35).—CHILBLAIN-REMEDY.—Your suggestion as to the composition of the chilblain-remedy is on the right lines. You will have no difficulty in producing a good imitation with ammonium chloride, water, and liq. carbonis detergen. Sal ammoniac is an old and useful remedy for chilblains.
- L. L. (161/68).—CUTTING-LIQUID FOR STEEL-BORING TOOLS.— These liquids are generally made by mechanical means, by which method the oil is held in suspension with the minimum of emulsifying agent. Resin-soap is the suspending agent which you will find the most tractable.

J. McA. (161/36).—(1) PIG-POWDERS:

I.	II.	
Sulphur 6 oz.	Powdered fenugreek 1 o	z.
Powdered liquorice 8 oz.	Potassium nitrate 8 o.	
Powdered fenugreek 8 oz.	Powdered anise 1 o.	z.
Iron sulphate 2 oz.	Linseed meal 6 o.	z,
Mix. Dose : One tablespoon-	Mix.	
ful daily.		

(2) DRY-SHAMPOO LIQUID.—See C. & D., October 20, p. 52.

W. N. (162/49).—(1) Destroying Worms in a Lawn: 
 Mercury perchloride
 ...
 1
 lb.

 Hydrochloric acid
 ...
 20
 oz.

 Water to
 ...
 ...
 1
 gal

Mix a teacupful of this solution with 10 gals. of water and apply to the lawn by means of a watering-can. The worms that come to the surface should be picked up and destroyed, as they are poisonous.

### Retrospect of Fifty Years Ago. Reprinted from "The Chemist and Druggist," Oct. 15, 1867.

Our Journal.

Our Journal.

Under this title Mr. Joseph Ince wrote: "As a constant reader of, and occasional contributor to, The Chemist and Druggist, may I be allowed to ask your motive for altering the original form of publication? The question is simply whether you consider your journal as a literary organ or a mere trade circular. In the latter case you cannot be blamed for adopting the newspaper form, but I speak for those amongst us who like to bind and preserve our volumes for after-reference. Personally, I should like the journal to supplant the newspaper, and I deplore the present inconvenient shape."

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This Bicarbonate answers all the requirements of the British Pharmacopæia. It is a pure, refined, and recrystallized salt, particularly free from metals or any base other than sada.

tallised salt, particularly free from metals or any base other than soda. This sodium bicarbonate is specially suitable for the preparation of granular effervescent preparations and salines, seidlitz powders and baking powders, and is well adapted for other medicinal and domestic purposes. It is the purest and cheapest sodium bicarbonate made.

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Soda.

This sodium compound (sodium sesquicarbonate) is a variety of carbonate of soda in small silky crystals, containing much less water than ordinary washing soda; 1 lb. of it does the work of 2 lbs. of washing soda. Concentrated crystal soda is excellently suited for chemists' trade; they can make a speciality of it, and it is also suited for making water-softeners, brush powders, hair-wash powders, and the like.

# Pure Alkali.

58 Degrees.

A dry, white powder: dissolves quickly and easily in water, making an excellent detergent for use by printers, bleachers, dyers, and for bottle washing. Is nearly equal to 99 per cent. carbonate of soda; is much used by glass, paper, and soap makers. The best alkali for soap powders and washing powders.

# Pure Soda Crystals Caustic Soda.

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# Bleaching Powder. Carbonate of Ammonia

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NEW YORK, U.S.A.

# Influenza Serobacterin Mulford

## Prevention and Treatment of Colds.

Colds are generally caused by attacks upon the mucous membranes of the respiratory passages, due to lowered resistance or to special virulency upon the part of the attacking bacteria.

Infection is Overcome by the production of antibacterial substances (antibodies). When the affected tissues are unable to produce antibodies sufficient to repel invasion, other parts of the body may be stimulated to produce the necessary antibodies by injecting killed bacteria corresponding to those causing the cold.

Influenza Serobacterin Mulford is used in checking epidemics of colds, influenza and catarrhal inflammations of the respiratory passages, in the prophylaxis and treatment of acute and chronic catarrhal conditions of the nose, throat and

respiratory passages, especially when complicated with influenza. It contains killed bacteria (obtained from many cases of colds) treated with immune serum corresponding to each type of bacteria, to render them more active in producing immunity and to reduce local or general reactions.

Supplied in packages of four graduated aseptic glass syringes (A, B, C, D), and in single syringes, D strength, containing killed sensitized bacteria as follows:—

							A	В	C	D	
B. Influenzæ				•••			125	250	500	100	0 million
				•••	•••		125	250	500		0 million
Pneumococci		•••					125	250	500		0 million
M. catarrhalis		· • • •	• • •	•••			125	250	500		0 million
Staphylococci	•••		•••	• • •	7	•••	250	500	1000	200	0 million
Per package o			, B,	C, D)		·	·				16/6
Single syringe	, D stren	gth	•••	•••		***	•••		***		6/3



Correspondence invited on Tetanus Antitoxin, Antidysenteric Serum, Typho-Bacterin (Typhoid Vaccine), Cholera Bacterin (Cholera Vaccine), for immunization of troops and nurses on active service.

AWARDED THE GOLD MEDAL FOR BIOLOGICAL PRODUCTS at the Seventeenth International Congress of Medicine, London, August, 1913.

H. K. MULFORD COMPANY, Manufacturing & Biological Chemists.
PHILADELPHIA & GLENOLDEN, U.S.A. LONDON-119 High Holborn, W.C.

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In present conditions occasional delays in transport are unavoidable. Obviate inconvenience and disappointment by ordering early.

The following are worthy of attention:

### 33% Cod Liver Oil Emulsion

An agreeably flavoured emulsion of non-freezing oil combined with hypophosphites. The permanence of the emulsion is assured. With oil at its present price, the guaranteed percentage is a selling point which may be emphasised with advantage.

5, 8 and 16-fl. oz. bottles M.R.P. 1/4, 2/- and 3/6

### Mentholated Bronchial Lozenges

A high-class product of a shape notably convenient for retaining in the mouth. The formula is disclosed, and includes no narcotic or astringent ingredient. Mentholated Bronchial Lozenges are issued in flat tins of 36.

M.R.P. 1/- . .

# Petroleum Emulsion with Hypophosphites

A palatable preparation, containing  $33\frac{1}{3}\%$  of Liquid Petrolatum. Liquid Petrolatum is a Russian paraffin, refined in England, of chemical purity and high viscosity. May be recommended where cod liver oil cannot be borne,

4, 8 and 16-fl. oz. bottles M.R.P. 1/6, 2/6 and 4/6

# Stimulating Embrocation

A combination of oil of origanum, camphor, rectified turpentine, etc., with ammonia.

May be recommended to recruits and volunteers to relieve stiffness. In 4-oz. glass-stoppered bottles of distinctive shape.

M.R.P. 1/-

All of the above bear the usual P.D. profit.

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# You could sell nearly every customer a jar of Resinol.

Try it to-morrow, and note the pleasant increase in the day's sales. Instruct your assistants to ask each customer if he has ever tried Resinol, and then to explain how it is a soothing, healing, antiseptic ointment, not only for Eczema, Pimples, and other skin troubles, but invaluable in every household for those constantly occurring rashes, chafings, cuts, bruises, burns, and a score of other uses. It takes the pain out at once, and stops itching instantly. With every sale of Resinol Ointment for any skin trouble you should also sell a cake of Resinol Soap. The patient should bathe the affected surface with Resinol Soap and hot water before applying Resinol Ointment.

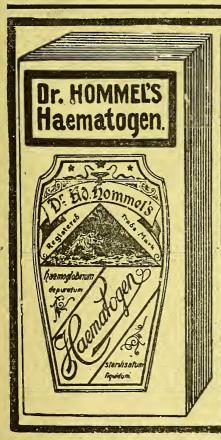
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It's free. We want you to learn how this rich, creamy lather soothes and heals the face. When you have tried it you will WANT to recommend it to every man who comes into your shop.

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# BEECHAM'S PILLS.

# WHOLESALE PRICES.

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1s. 3d. size ... ... ... ... ... ... 10s. 6d. per doz. net, 3s. 0d. ,, ... ... ... ... ... ... 26s. 6d. ,, ... ,, 5s. 0d. \( \) new size ... ... ... ... ... ... ... 50s. 0d. \( \) new contains double the quantity of 3/- box.

## Beecham's Cough Pills:

1s. 3d. size ... ... ... ... ... ... ... 10s. 6d. per doz. net. 3s. 0d. ,, ... ... ... ... ... 26s. 6d. ,, ...

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IN COLLAPSIBLE TUBES:

1s. 0d. size ... ... ... 7s. 6d. per doz. net.

Orders: Minimum quantity £5 value—approximately. | Packages FREE. Carriage PAID.

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Its high melting-point—several degrees above the official standard—its absolute freedom from Salicylic Acid and all impurities, and its very fine glistening appearance, make it pre-eminently the brand for the discriminating buyer. Also supplied in tablet form.

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HYDROGEN PEROXIDE, chemically pure.

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Gum Galbanum

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- " Tragacanth

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Cantharides

Isinglass:

Salianski Osietr Samov.

**Blood Albumine** 

Musk Root

Anise Oil

Soap Root

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N.B.-Prices quoted herewith are for preparations according to the New Pharmacopæia, 1914.

#### PRICIPS ISSUPD WEEKLY.

Original Packages can generally be supplied at the Current Prices quoted in the Trade Report of this Paper on Terms as below:

N.B.—We would draw attention to the fact that all prices quoted herein are subject to alteration without notice, and that where stocks are limited preference is always given to our regular customers.

Fol. Sennæ Tinnev., 1 cwt. @ 8½d. lh.; 7 lbs. @
9½d. lb.; English Ground, 56 lbs. @ 10d. lh.;
7 lbs. @ 1/- lh.
Fosmaldehyde, 40%, 4 cwt. barrels @
cwt.; 7 lbs. @ 1/5 lb.
Fuller's Earth, fine powder or lump, 5 cwt. @
10/- cwt.; 1 cwt. @ 11/-.

Gallæ Cærul. Pulv., 7 lbs. @ 2/1 lb.

Gamboge, English Ground, 1 lb. @ 9/6 lb.

Ginger, English Ground, 1 cwt. @ t5/- cwt.;
7 lbs. @ 11d. lb.

Glycerin. Opt. D.D., 1.260 P.B., @ (wt. collection)

Glycerin. Acld. Boric, P.B., 6 lbs. @ lb.

Acld. Carbolic, P.B., 6 lbs. @ lb.

Acld. Tannic, P.B., 6 lbs. @ lb.;

Belladon. B.P.C., 6 lbs. @ lb.;

Glycerin. Boracis, P.B., 6 lbs. @ lb.;

Glycerin. Boracis, P.B., 6 lbs. @ lb.;

Pepsin. Acld, P.B., 1 lb. @ lb.

Pepsin. Acld, P.B., 1 lb. @ lb.

Pumbl Subacet., P.B., 6 lbs.

bb.
Gnalacol Carb., 1 ib; @ 166/- ib,
Gnalacol, pure, 1 lb. @ 130/- lb.
Gnm Acaclæ sorts, 3 cwt. @ 92/6 cwt.; 1 cwt. @
95/- cwt.; 7 lbs. @ 1/- lb.; English
Gronnd Powder, No. 1, 1 cwt. @ 150/- cwt.;
7 lbs. @ 1/7 lb.; No. 2, 1 cwt. @ cwt.;
7 lbs. @ 1/8 lb.
Gnm Benzoin, Sumatra, 84 lbs. @ 1/11 lb.; 7 lbs.
@ 2 1 lb.

@ 2 1 lb.
Gum Catechu Nig., English Ground, 1 cwt. @ 105/- cwt.; 14 lbs. @ 1/- lb.
Gnm Gualaci, 1 cwt. @ lb.; 7 lbs. @ 4/6

Ib.
Gum Juniper, 14 lbs. @ 1/1 lb.
Gum Thus Elect., 2½ cwt. @ 50/- cwt.; 28 lbr.
@ 54/ cwt.
Gum Tragac. Elect., English Ground, 7 lbs.
@ 10/- lb.; 1 lb. @ 11/- lb.

\*Heading (Frothing Ess.), 5 lbs. @ 1/9 lb. Heliotropine, 1 lb. @ 30/- lb. Hellebore, White, Powdes (Foreign Ground), 1 cwt. @ 52/6 cwt.

Hexamethylenetetramine, 7 lbs. @ 4/9 lb.; 1 lb. @ 5'- lb. Honey, Jamaica, 28 lbs. @ 1/2 lb. Hydragyrum, P.B., 10 lbs. @ 7/6 lb.: 1 lb. @ 7/10 lb.; Ammon., 28 lbs. @ 8/7 lb.; c. Creta. 28 lbs. @ 2/10 lb.; lodid Ruh. 28 lbs. @ 12/8 lb.; Oxid Rub., 28 lbs. @ 8/7 lb.; Subchlor. 28 lbs. @ 8/1 lb.; Sulpho. 28 lbs. @ 8/1 lb.; T.b. guantities, 28 lbs. @ 1/6 lb.; 7-lb. quantities, 3d. lb. extra. 3d. lb. extra.

3d. lb. extra. Hydrokinone, 1 lb. @ 16/- lb.

Chthyol Ammon. chemical equivalent: Ammon-Ichthosulphonas, B.P. Codex, 7 lbs. @ 7/-lb.; 1 lh. @ 7/6 lb.

Inf. Aurant. Conc., 1 to 7, 6 lbs. @ 1/10 lb.

Aurant. Comp. Conc., 1 to 7, 6 lbs. @ 1/10 lb.

Aurant. Comp. Conc., 1 to 7, 6 lbs. @ 1/8 lb.

Buchu Conc., 1 to 7, 6 lbs. @ 1/5 lb.

Caryoph. Conc., 1 to 7, 6 lbs. @ 1/7 lb.

Caryoph. Conc., 1 to 7, 6 lbs. @ 1/7 lb.

Carcarilla Conc., 1 to 7, 6 lbs. @ 1/11 lb.

Carcarilla Conc., 1 to 7, 6 lbs. @ 1/1 lb.

Carcarilla Conc., 1 to 7, 6 lbs. @ 1/1 lb.

Rentiana Con., 1 to 7, 6 lbs. @ 1/10 lb.

Rhel Conc., 1 to 7, 6 lbs. @ 1/10 lb.

Senegæ Conc., 1 to 7, 6 lbs. @ 2/10 lb.

Valerian Conc., 1 to 7, 6 lbs. @ 2/10 lb.

Insect Powder, Opt., English Grd., closed flowers, 7 lbs. @ 3/- lb.; English Ground, ½ closed flowers, 4d. lb. less; Foreign Ground, 28 lbs. @ 1/10½ lb. lodoform Pulv. B.P., 7 lbs. @ 18/- lb.; 1 lb. @ 18/- lb.; 1 lb. @

18/6 1h.

18/6 lin.
10dum, resub. B.P., 7 lbs. @ 14/11 lb.; 1 lh.
@ 15/8 lb.
1slinglass, Brazil, fine cut, 7 lbs. @ 3/9 lb.; 1 lb.
@ 4/- lh.; Russian finest, 7 lbs. @ 10/6 lh.;
1 lb. @ 11/- lb.; Ribbon of Sheet, 7 lbs. @
2/9 lb.; 1 lb. @ 3/- lb.

Kamala, 7 lbs. @ lb.; slfted, pes lb.

apls Pumicls, fine powder, 2 cwt. @ 16/6 cwt.;
7 lbs. @ 2\d. lb.; lump, 2 cwt. @ 24/- cwt.;
7 lbs. @ 3\d. lh.
Llcorice Juice, Sticks, 1 cwt. @ cwt.;
28 lbs. @ lb.; 7 lbs. @ lb.;
\*Lln. Aconiti Meth., 5 lbs. @ 2/3 lb.; 1 lb. @
2/6 lb.

Bellad. Meth., 5 lbs. @ 8/8 lb.; 1 lb. @

• "Bellad. Meth., 5 lbs. @ 8/8 lb.; 1 lb. @ 9/- lh.
"Camph. P.B., 9 lbs. @ 2/10 lh.
"Sapo Meth., 9 lbs. @ 1/4 lb.
"Tereb. Acet., B.P., 5 lbs. @ 1/3 lb.
Linseed c. Oil, Crushed, 3 cwt. @ 44/- cwt.; 1 cwt. @ 46/- cwt.
"Liq. Ammonii Acetatis Conc. 1-7, 6 lbs. @ 1/5 lb. 1 lb. @ 1/5 lb.

lb.; 1 lh. @ 1/9 lb., Ammon. Aromat., 6 lbs. @ 11d. lb., Antim. Chlor. Pure, 8 lbs. @ 10d. lb., Arsenicalis, B.P., 7 lbs. @ 5d. lh.; 1 lb. @ ,, Arsei

"Arsenii Hydrochlor., F.B., 7 Ass. 1 lb. @ 7d. lh.

1 lb. @ 7d. lh.

Bismuth, P.B., 6 lbs. @ 1/7 lb.

Copalha Buchu et Cubeb, 5 lbs. @ 3/6 lb.;

1 lb. @ 3/9 lb.

1 lb. @ 5/6 lb. Arsenii Hydrochlor., P.B., 7 lbs. @ 4d. lb.;

lb. @ 3/9 lb.
Easton, p.s. 1–3, B.P., 1 lb. @ 5/6 lb.
Ferri Dialysatus, 6 lbs. @ 1/7 lb.
Ferri lod. p.s., 1–7, 1 lb. @ 7/3 lb.
Ferri Perchlor. Fort., P.B., 7 lbs. @ 6d. lb.
Ferri Prosph. Co. p.s., 1–7, 7 lbs. @ 1/7 lh.
Hamamelidis, B.P., 6 lbs. @ i/4 lb.
Hypophosph. Co., p.s., B.P.C., 1 lb. @ 4/4 lb. "lb.

", Hypophosph. Co., p.s., B.P.C., 1 lb. @ 4/4 lb.

" Iodl Fort, B.P., 5 lbs. @ 7/4 lb.
" Morphine Acet. or Hydrochlor., P.B., 6 lbs. @ 4/4 lb.
" Opil Sed., 5 lbs. @ 9/- lb.
" Plumhi Subacet., P.B., 7 lbs. @ 7d. lb.
" Plumhi Subacet., P.B., 7 lbs. @ 21 lb.
" Rheados pro Syr., 1 to 7, 5 lbs. @ 2/9 lb.
" Rhel, p.s., 1-7, 6 lbs. @ 3/2 lb.
" Sennæ Dulc. 6 lbs. @ 1/9 lh.
" Sennæ pro Syr. 1-7, 6 lbs. @ 3/5 lb.
" Sernæ pro Syr. 1-7, 6 lbs. @ 2/4 lb.
" Tolut. pro Syr. 1-7, 6 lbs. @ 2/1 lb.
" Tolut. pro Syr. 1-7, 6 lbs. @ 2/1 lb.
" Truitrinl, B.P., 1 lb. @ 8/3 lb.
Lithia Carh. P.B., 28 lbs. @ 6/- lb.; 7 lbs. @ 6/7 lb.; pulv., 3d. lh. extra.
Lycopodium, 7 lbs. @ 7/9 lb.

ag. Calc. Levis, 1 lb. @ 3/1 lh. Mag. Calc. Pond., 7 lbs. @ 3/6 lh.; 1 lb.

@ 3/10 lb.
Mag. Carb. Pond., 7 lbs. @ 11d. lb.
Mag. Carb. Levis., 1 cwt. @ ; 7 lbs. @ 1/3

Mag. Clt. Gran., 28 lbs. @ lb.; 6 lbs. @ 2/1 lb. Mag. Sulph., fine druggists', B.P., 1 cwt. @ 30/-; 28 lbs. @ 4d. lb. Manna, Flake, 14 lbs. @ 6/- lb.; 7 lbs. @ 6/2 lb.; 1 lb. @ 6/9 lb.

\*Minimum quantity at these prices; Home Trade, 3 Winchester Quarts assorted; Export, 12 Winchester Quarts assorted

NOTE .- Only terms, Net Cash with order without discount, or orders accepted through London Merchants or Bankers. Goods carriage forward; all packages free; Export cases extra.

Menthol, dry white cryst., 60 lbs. ② 14/- lb; 51bs. ② 14/8 lh.

\*Mist. Sennæ tomp., E.P., 20 lbs. ② 8½d. lb.; 6 lbs. ② 9½d. lb.

Morphinæ Acet. Hydrochlos. or Sulph., Palv. B.P., 25 oz. ② 16/- oz.; 16 oz. ② 16/6 oz; 8 oz. ② 16/9 oz.; 1 cz. ② 17/6 oz.; Pns. Præcip. Blmeconate or Tart., 1 oz. ② 21/6 oz. Morphinæ Diacetyl., 4 oz. ② 35/- oz.; 1 oz. ② 35/6 oz.; Hydrochlor., 64 per oz. less.

Myrrh, Gum, English Gronnd, 28 lbs. ③ 2/2 lb.; 7 lbs. ② 2/6 lb.

Nux Areca, 1 cwt. @ cwt.; 7 lbs. @ 10½d. lh.
Nux Areca, 1 cwt. @ cwt.; 7 lbs. @ 1/5 lb.; powder, English ground, @ cwt.; 7 lbs. @ 1.7 lb.

Cwt.; 7 lbs. @ 1.7 lb.

Ol. Aneygial. Ang., B.P., 9 lbs. @ 3/1 lb.
Ol. Anethi Ang. B.P., 1 lb. @ 30/- lb.
Ol. Anisi, E.I., 66 lbs. @ 4/8 lb.; 164 lbs. @ 4/10 lb.; 44 lbs. @ 5/2 lb.; 1 lb. @ 5/6 lb.
Ol. Aurant, 12 lbs. @ 13/6 lb.; 1 lb. @ 12/- lb.; not guaranteed absolutely pure.
Oll of Bays, genuine W.I., 1 lb. @ 14/6 lb.
Ol. Cajuput., B.P., 2 l loz. bots. @ 4/9 lb.
Ol. Cajuput., B.P., 2 l loz. bots. @ 4/9 lb.
Ol. Caryoph. Ang., B.P., 9 lbs. @ 17/- lb.; 4 lb. @ 18/- lb.
Ol. Caryoph. Ang., B.P., 9 lbs. @ 17/- lb.; 4 lb. @ 18/- lb.
Ol. Cassias, 16 lbs. @ 6/3 lb.; 6 lbs. @ 6/5 lb.
Ol. Cinnam., 1 lb. @ 37/6 lb.; 1 os. @ 2/8 os.
Ol. Citronellas, 9 lbs. @ 2/6 lb.
Ol. Coco Nucis, finest White, 80 lbs. @ 100/-cwt.; 40 lbs. @ 105/- cwt.
Ol. Eucalypt., P.B., 1 cwt. @ 3/2 lb.; 28 lbs. @ 3/3 lb.; 9 lbs. @ 3/4 lb.
Ol. Geranii Gall. Opt., 1 lb. @ 28/- lb.; 8 1-oz. hots. @ 2/3 oz.; 1 oz. @ 2/6 ox.; Turc., 1 lb. @ 15/- lb.; 4 ozs. @ 1/6 lb.
Ol. Gynocardias, 5 lbs. @ 4/- lb.; 1 lb. @ 4/3 lb.
Ol. Lavand. ab Flow., 5 lbs. @ 3/6 lb.; 1 lb. @ 19/6 lb.
Ol. Menth. Plp. English, 5 lbs. @ 70/- lb.; 1 lb.

19/6 lb.

Ol. Lavand, ab Flor., 5 lbs. @ 18 6 lb.; 1 lb. @ 19/6 lb.

Ol. Menth. Pip. English, 5 lbs. @ 70/- lb.; 1 lb. @ 72/6 lb.; Hotchkiss original hots., 21 os each @ 21/6 lb.; Hotchkiss original hots., 21 os each @ 21/6 lb.; 6 bots. @ 21/- lb.; 1 lb. osc. & 20 lb.; 6 lb.; 4 lbs. @ 17/- lb.; 1 lb. @ 17 6 lb., Japanese, 60 lbs. @ 3/20 lb.; 5 lbs. @ 4/6 lb.

Ol. Morrhuæ, 1916, finest zon-freezing, 2-galitins @ 20/- per gall.

Ol. Myrbane, 9 lbs. @ 3/- lb.

Ol. Nucis Pallid. 2 gall. tins @ 9/3 gall.

Ol. Olivæ, P.B., good yellow, guaranteed pure 45 gall. harrels @ gall.; 2 gall. tins @ 22/- gall.

Ol. Olivæn (so-called), 1 cwt. @ 1/5½ lb.; 56 lbs. @ 1/7 lb.; 9 lbs. @ 1/9 lb.

Ol. Peach Kernel (so-called), 1 cwt. @ 1/5½ lb.; 56 lbs. @ 1/7 ib.; 9 lbs. @ 1/9 lb.

Ol. Ricini Alh. Opt. Medicinal, 40 lbs. @ 118/-cwt.; 9 lbs. @ 1/2½ lb.; for export, 1 cwt. drums recommended.

Ol. Rosmarial, Coml., 28 lbs. @ 2/4 lb.; 9 lbs. @ 1/2 lbs.; Os lbs. @ 2/4 lb.; 9 lbs. @ 1/2 lbs. (Ds. & 1/2 lbs.) (Ds. &

Ol. Rosmarini, Comi., 28 lbs. @ 2/4 lb.; 9 lbs., 2 2/6 lb.; B.P., 9 lbs. @ 3/- lb.; 1 lb. @ 3/3 lb. Ol. Santal, Flav. Ang. B.P., 5 lbs. @ 53/6 lb.;

1 lb. @ 54/6 lb.

Ol. Sassafras, genuine, 28 lbs. @ 5/- lb.; 1 lb. @ 5/6 lb.

Ol. Theohroma, B.P., 8-0s. tabs., 28 lbs. @ 1/11 lb.; 7 lbs. @ 2/- lb.
Ol. Wintergreen, Astticlai, 5 lbs. @ 6/6 lb.;

1 lh. @ 7/- lb.
Oplum, B.P., 14 lbs. @ 68/9 lb.; 3 lbs. @ 69/6 lb.; 1 lb. @ 70/6 lh.; powdes, 6d. lb.

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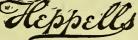
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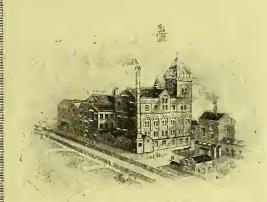
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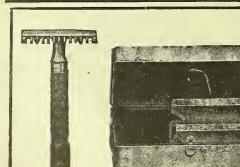
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*	49	10	**	,,	"	1/2	10/-
*	**	"	**	bott " car	les in tons	<b>} 1/6</b>	12/-

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A valuable emollient medicated skin soap. \} 13/6 per dozen especially suitable for use in Eczema.

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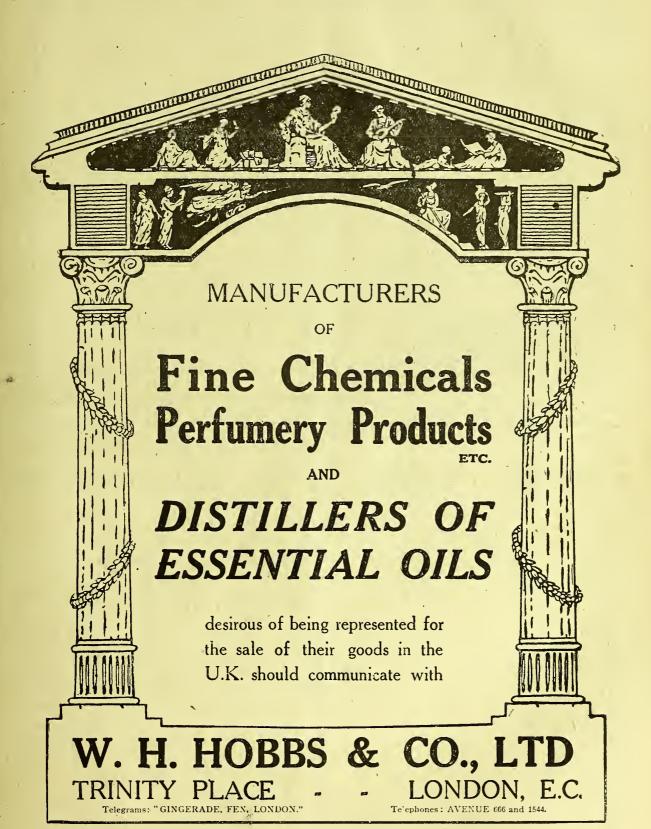
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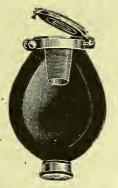






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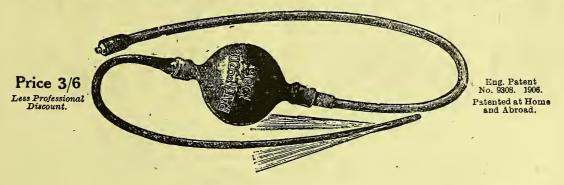
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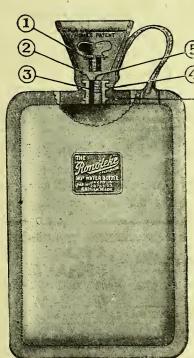
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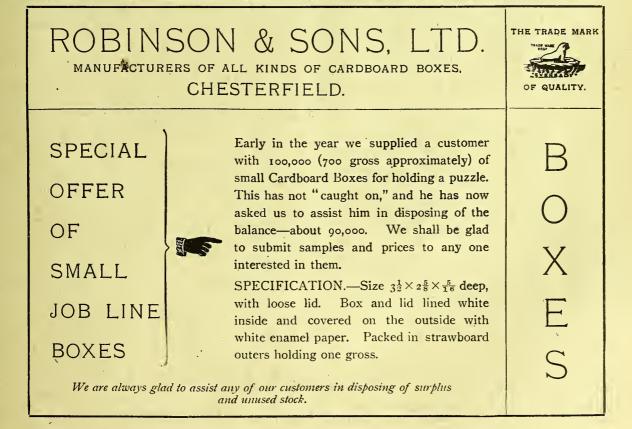
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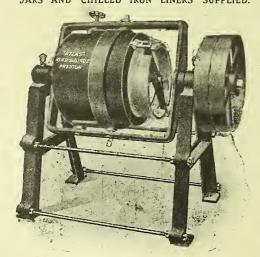
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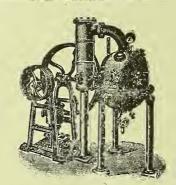
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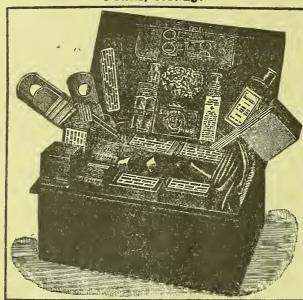
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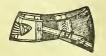
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Surgical and Athletic Appliance Manufacturers,



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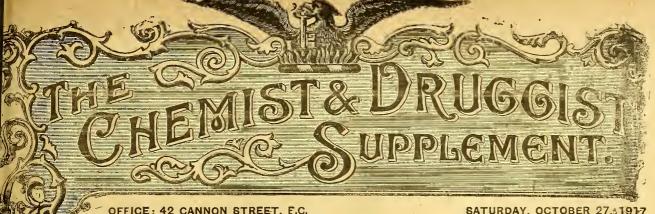
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OFFICE: 42 CANNON STREET, F.C.

SATURDAY, OCTOBER 27,1917

### TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disnosal and Wanted, Situations Open and Wanted, Exchange Column, &c., MUST BE PREPAID (except in the case of serial advertisers), and to ensure prompt insertion REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after first post on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C.4.

Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful made of these roles. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus, Cannon, London," (Three words counted as two.)

### EARLIER CLOSING FOR PRESS.

TILL intending Advertisers please note that until further notice all Advertisements for The Chemist and Druggist Supplement must be in the Publisher's hands not later than a

### FIRST POST THURSDAY MORNING,

to be available for the issue published in that particular week. Owing to restricted postal deliveries it is advisable to post all communications on the Tuesday preceding the date of issue. Advertisements received after the time indicated will be inserted in the following week's issue.

### CHEMISTS' TRANSFERS.

### Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

### May be consulted at their Cifices on matters of SALE, PURCHASE, and VALUATION.

1 .- LONDON (Central) .- Thoroughly sound Retail Business in busy main thoroughfare, producing a net profit of £750 to £1,000 per annum; further details on application; references will facilitate

2.—WEST END.—Lock-up Pharmacy; Retail and Dispensing; returns £1,200; gross profit about £700; books open to inspection; vendor, having taken up another business, will make some sacrifice for a speedy transfer.

5.—WEST KENSINGTON (Death Vacancy).—Retail and Dispensing Business of good class; returns £800, formerly £1,000, at good prices; with a view to realising quickly, vendor is willing to make some sacrifice.

4.—BANKS OF THE THAMES (Good-class Residential Locality).

- Keady-money Business; excellent position; returns upwards of \$2,000; profits large; about the value of stock and fixtures required.

5.—LONDON (Suburb).—Cash Retail Business and own Proprietaries; position is exceptionally good, and the returns can be much increased; present rate about £1,200; owing to a breakdown

much increased; present rate about £1,200; owing to a breakdown in health an immediate sale must be effected; terms, valuation of stock and fixtures.

6.—CITY (within easy distance of).—Old-established Business; in good position in populous district; the net income is £356, and under energetic management can be increased; good house; rent £50; price £600.

7.—LONDON, S.W.—Good-class Retail and Dispensing Business, situate in centre of residential locality; returns between £800 and £900; good opportunity for a pushing man; offer wanted; vendor retiring, having held the business upwards of thirty years.

8.—MIDDLESEX (few miles out).—General Retail (no N.H.I. Dispensing), doing the leading trade in the district; old-established connection; returns £2.000 (present rate); net profit £500; to an energetic man accustomed to a ready-money business this will be a lucrative investment; price about £500.

9.—INLAND HEALTH RESORT.—Good-class Dispensing and Retail Business; village in midst of glorious country and forest land; returns between £2,000 and £2,500, and the net profit about £900; books audited by accountant; valuation terms entertained; death cause of sale.

land; returns between £2,000 and £2,500, and the net profit about £900; books audited by accountant; valuation terms entertained; death cause of sale.

10.—SUSSEX.—Good-class Retail and Dispensing Business, situate in a beautiful district, and practically unopposed; gross receipts £850; net profit exceeds £250; modern fitted Pharmacey, with capital residence and garden stocked with truit and rose trees; valuation terms entertained.

11.—PARTNERSHIP.—A partner required to take sole management of a Ready-money Business with a turnover of £50 per week; about £450 required for the half share

12.—KENT (Market Town).—Modern Ready-money Business, situate in pleasant district; returns about £1,000; the business admits of extension; terms, valuation of stock and fixtures.

13.—LEEDS.—Good-class Retail and Dispensing Business; established many years; returns between £900 and £1,000; profits good; large residence with private entrance; vendor will accept valuation of stock and fixtures.

14.—YORKSHIRE.—Family Retail Dispensing and Agricultural Business, with own proprietaries in good demand; returne £300; net profit, after all expenses paid, £200; rent £28, including good six-roomed house, garden, warehouse, and yard; terms, valuation of stock and fixtures.

### VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

### VALUERS & TRANSFER ACENTS.

35 Jewry Street Fenchurch Street E.C.3. Telephone: 1809 CENTRAL.

### NO CHARGE TO PURCHASERS.

1.—KENT (Suburb).—Good progressive Middle-class Business; no booking; returns £1,850; net profit £450; books properly kept; convenient house; handsome Pharmacy, heavily stocked; price £50 and valuation; about £1,000; strongly recommended.

2.—DEVON (Market Town).—Well-established good-class Business in central position; lias done over £1,500; now neglected under Manager; owner on active service; splendid premises; price, valuation or offer; part can remain.

3.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.

4.—WEST-END.—High-class Dispensing Business, in very prominent position, with scope for much increase; returns average over £2,000; net profit £620; price £1,100; excellent chance for two smart men; further details on receipt of references.

5.—CITY.—Old-established City Business, returning over £1,100 under Manager; splendid position; fully stocked; principal could easily do £2,000; price about £700.

6:-NORTH LONDON (Healthy Suburb).—Sound progressive Cash Business for immediate disposal through serious illness; returns £1,150; net profit fully £300; fine modern Pharmacy; excellent main road position; low rent; good house; price £750

7.—LONDON (Distant Suburb).—Good middle-c'ass Cash Retail; very profitable; returns £14 a week, inoreasing; very low rent; mo immediate oppositiou; fully stocked; price £475, or offer.

### STOCKTAKINGS.

Appointments for stocktakings and valuations should be reade early; we have only two or three weeks this side of Christmas. Full particulars and terms sent on application.

MESSRS.

AUCTIONEERS (Established 1790),

66 Cannon Street, London, E.C. 4 (and at Manchester)

BEG TO ANNOUNCE THAT THEIR NEXT

SALE BY AUCTION

CHEMICALS. DRUCS. ANILINE GENERALLY

INCLUDING ABOUT

500 GALLONS MEDICINAL COD LIVER OIL WILL TAKE PLACE AT THE

London Commercial Sale Rooms, E.C.,

EARLY IN NOVEMBER.

Saleable Stocks of any description may be included.

TERMS UPON APPLICATION.

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### **BATTAM & HEYWOOD**

(ESTD. 1837)
CHEMISTS' VALUERS, TRANSFER AGENTS,
AND. EXPERT STOCKTAKERS.

Balance Sheets Prepared. Books Audited. 3 DAVIES STREET, BERKELEY SQUARE, W.

Telephone: GERRARD 2169.

### BUSINESSES FOR DISPOSAL.

See Notice on Front Page of this Supplement.

3s. 6d. for 50 words or less; 6d. tor every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

BLACKPOOL.—Widow desires to dispose of Cash Drug Store held by vendor for the past 25 years; corner premises, with comfortable residence attached; private entrance; immediate disposal desired; price, including stock and fixtures, ±100. Apply 135/2, Office of this Paper.

CO. DURHAM.—Drug Stores; established; suit qualified or unqualified; comfortable residence and private entrance; rent £50 yearly; returns £750; price £350. For particulars apply 133/8, Office of this Paper.

USSEX.—Well-established Business (mainly Dispensing) in fashionable inland health resort, for immediate Sale, owing to death; average turnover £2,226; exceptional profits. Apply, in first instance, T. H. Waterhouse, Incorporated Accountant, 25 Devonshire Road, Bexhill-on-Sea.

AN unique opportunity presents itself; comfortable Business; returns £500 to £600; few patents; no opposition; low rent; trial given; West London, Middlesex; accept £200; part can remain. Apply 135/6, Office of this Paper.

COUNTRY Business for Sale; price moderate; no opposition. Pringle, Pharmacist, Haydon Bridge-on-Tyne.

FOR Sale, as a going concern, well-established Chemist's Business in Blackpool present takings average about £1,000 per annum. Apply John Potter, Incorporated Accountant, 34 Birley Street, Blackpool, or Parkin S. Booth Accountant to the Association of Manufacturing Chemists, 35/37 Exchange Chembers, 2 Bixteth Street, Liverpool, or 32 Kimberley House, Holbern Viaduct, London, E.C.

IFETIME opportunity for a smart business man; pleasant South Devon health resort; old-established Family Business; Dispensing, Prescribing, and Preprietaries; same family over 60 years; modern front; capital house; moderate rental; lease; turnover about £1,500, at good profits; plenty of scope for energy and up-to-date methods; price, valuation (part could remain); references required and given. Particulars in confidence to buyers only; no agents. "Genuine" (135/9), Office of this Paper. Paper.

WEED KILLER Business for immediate disposal; established over 12 years; maker relinquishing this department. Bonafide inquiries to Harley, Chemist, Perth.

### SALES BY AUCTION.

WILLIAM DOCKER & CO.
(William Docker),
AUCTIONEERS AND VALUERS OF MILLS,
WORKS, MACHINELY, ETC.
ARBITRATORS AND FIRE LGSS ASSESSORS,
40 KENNEDY STREET, MANCHESTER. Tel., 992 City.

Important to
CHEWISTS, DRUGGISTS, ETC.
MEMORIAL HALL, ALBERT SQUARE, MANCHESTER,
WEDNESDAY, OCTOBER 31st, at 3 o'clock prompt.

WILLIAM DOCKER & CO. are favoured with instructions to Sell by Auction as above.

THE STOCK OF A MANUFACTURING CHEMIST, consisting of Miscellancous Drugs, Quinine, Cod Liver Oil, Stoppered Bottles in various sizes, Drop Bottles, Pea Nut Oil, Transfers, Cachets, Tablets, Sanatogen, Aspirin Tablets, Soaps, Lanoline, Packed Ointments, Tooth Powders, Phenacetin, and other effects too numerous to detail.

Samples of all the lots will be on view at the Offices of the Auctioncers, 40 Kennedy Street, Manchester (Tcl., 992 City), on Monday, October 29th, and following days up till time of Sale. Catalogues and further particulars of the Auctioncers.

### FOR SALE.

POR Sale, Fittings and Fixtures from two Pharmacies, complete, Mahogany Counters, Dispensing Counters and Screens, Perfume Cases, Tooth-brush Cases, Avery's Weighing Machine, Shop Drawers, Glazed Labels, Window Fittings, Wall cases, Shop Rounds and contents, and Stock letterrom above Pharmacies, etc.; the lot, £150; sacrifice. Apply 133/29, Office of this Paper.

FOR Sale, an excellent Remedy for Gout, Kheumatism, kindred diseases, a Medicine and Embrocation, having been supplied locally in Bournemouth for 6 years with great success and numerous testimonials from all classes; fully protected with trademark; would sell the whole or part; a great success. 16 Hawkwood Road, Boscombe.

THE Stock and Fixtures (as a whole) of old-established Dispensing business in Londou, comprising Drugs, Chemicals, Sundries, Oxygen Cylinders, over 3 gross Syphons, etc.; good opportunity for new business, Insurance or otherwise; offers wanted. Apply to 131/16, Office of this Paper.

TICKET-PRINTING National Cash Register for Sale (second-hand), with all latest improvements; adds total and prints every sale. Write to F. Gray, 26 Boundaries Road, Balham, S.W. 12.

TIN BOXES; very smart, well made; run about 3 for 1 oz.; 350 gross in stock; offers wanted for part or whole; send two penny stamps for sample; 9 Winchesters Inf. Senegæ Conc. @ 2s. 8d. lb., whole or part; 1 lb. sent on receipt of P.O., 3s. 3d. John Noble, 17 Owens Row, London, E.C. 1.

### PARTNERSHIPS.

MANAGING PARTNER wanted, qualified and exempt from military service, to take entire charge of Eispensing business in high-class residential district; one hour from town; capital required about £450; total income in return would be £400 to £500/per annum; married man preferred, to reside on premises. Reply to "Westminster" (133/21), Office of this Paper.

### TO LET.

SHOP, d.f. Chemist's; completely and well-fitted; established over 20 years; just off Clapton Common, N.; chance to pick up good business cheap; rent £60. Owners, 160 Stoke Newington Road, N.

### AGENCIES.

AN old-established firm with extensive organisation and experienced selling staff, and having large connection amongst Chemists, Caterers, Restaurateurs, Bakers, Confectioners, and Grocers, wishes to take up, on commission, sole Selling Agency in good lines; must be British goods; principals only dealt vith. Full particulars to "Sales," c/o J. W. Vickers, Ltd., 5 Nicholas Lane, E.C. 4.

### SITUATIONS OPEN.

See Notice on Front Page of this Supplement.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

### RETAIL.

BIRMINGHAM.—Qualified Manager required for progressive Cash Retail business, with some N.H.I. Dispensing; splendid opening for man anxious to get on; liberal interest in profits offered. "H. B." (133/223), Office of this Paper.

BTRMINGHAM.—Assistant; unqualified; ineligible or over military age; comfortable berth for energetic worker; hours 8.30 to 7 p.m., no Sunday duty, Saturday 1 o'clock. State age, salary required, and fullest particulars in first letter, 135/28, Office of this Paper.

BIRMINGHAM.—Young lady, who has had some experience in a Chemist's establishment and can Dispense, required for permanent and comfortable post. State when at liberty and salary required, "H. S." (133/22), Office of this Paper.

BIRMINGHAM.—Good opening for unqualified Assistant (single), either discharged from Army or above military age, on the stocktakers' staff of firm of Retail Chemists; permanency with progressive salary to a capable man not afraid of work. "H. L." (133/220), Office of this Paper.

BOSTON SPA.—Wanted, for country town in Yorkshire, an unqualified Assistant (either sex) with knowledge of Dispensing; previous Counter experience, and knowledge of Photographic business desirable; outdoors; would suit discharged soldier needing light employment. Apply J. H. Hull, Pharmacist, Boston Spa, Yorks.

(AMBRIDGE.—Unqualified Assistant (ineligible for Army) for Retail and N.H.I. Dispensing; one Senior and four Apprentices kept; no Sunday duty; outdoors. Apply with references, and state salary, to Henry Flanders, Chemist, Mill Road, Cambridge.

GUY'S HOSPITAL, S.E. 1.—Dispenser wanted immediately; Minor qualification; ladies eligible; salary £120. Apply to the Acting Pharmacist.

HAMMERSMITH.—Wanted, Assistant from about 6 p.m. or 6.30 p.m. on Monday, Wednesday, and alternate Saturday evenings; work chiefly Dispensing and Counter. Apply, stating qualification and salary required, also when available, to 'S.' (134/26), Office of this Paper.

HAVERHILL.—Wanted, a qualified Assistant for country Retail; short hours and light duties; one disabled considered. Particulars and lowest salary, Robinson's Drug Store, Haverhill, Suffolk.

LANCASHIRE.—Assistant (must be ineligible); mixed Dispensing business, with Drysaltery; hours 8 a.m. to 8 p.m., Saturdays 9 p.m., Sunday duty 6 to 7.30 p.m. Apply, stating experience and salary required, with references, to "A. & S." (132/29), Office of this Paper.

ANCASHIRE.—Young lady Assistant required for Light Retail Chemist's establishment; comfortable and permanent berth for one who has had some previous experience. "B. S." (133/221), Office of this Paper.

LANCS, MANCHESTER.—Young lady, with knowledge of Dispensing, for business in working class neighbourhood. State salary required and when at liberty, "G. L." (335/222), Office of this Paper.

LEAMINGTON.—Young lady required as Assistant, with some knowledge of Counter work, etc.; outdoors., Apply, with usual particulars, to J. Price, 42 Bath Street, Leamington.

ONDON, E.C.—Lady Assistant for good-class City business; qualification not essential; chiefly for Counter and preparation of stook; excellent opportunity for acquiring an all-round experience; easy hours. Apply, with full particulars, to 127/57, Office of this Paper.

LONDON, N.—Unqualified Assistant required; outdoors; under 40 and ineligible; hours 9-8, 9-9 Saturday, usual half-holiday, alternate Sundays 6-9 p.m. Hays, 147 Fore Street, Edmonton, N. 18.

ONDON, N.—Comfortable berth for good unqualified Assistant; hours 9 to 8, 9 to 9 Saturdays, Wednesday off from 1 p.m., every other Sunday 6-9 p.m.; personal interview preferred. Apply 133/25, Office of this Paper.

ONDON, N.—Energetic lady Assistant required for middleclass business; one with several years' experience preferred; good salary offered. Give full particulars of experience to 135/22. office of this Paper.

LONDON, S.E.—Wanted, a lady Assistant; Dispensing and assist at Counter; outdoors. Apply by letter, giving full particulars, experience, salary required, and when disengaged, J. W. Kumsey & Son, 535 Lordship Lanc, S.E.

LONDON, S.W.—Lady Assistant wanted for good-class Disland pensing and Retail business. Apply, stating experience and salary required, to Feltwell & Son, Pharmacists, 90 Church Road, Barnes, London, S.W. 13.



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

ONDON, S.W.—Lady or gentleman (ineligible); hours 9 a.m. to 8 p.m., for Counter and Dispensing. Particulars as to endary required and previous experience to Garton, Chemist, Ptough Road, Clapham Junction.

LONDON, S.W.—Wanted, a lady Assistant who has had some experience in a Pharmacy. Apply to Plaister & Co., 15 Gledhow Terrace, South Kensington, S.W.

NONDON, W.—Lady Assistant, with Retail experience; outdoors; two others kept; good opportunity of acquiring high-class West-End experience. Full particulars and when disengaged, 133/1, Office of this Paper.

ONDON, W.—An experienced Assistant for high-class Dispensing business; two kept; ineligible. Apply 132/37, Office of this Paper.

ONDON, W.—Junior Assistant (either sex) wanted immediately in Drug Department, for putting up orders; hours of tusiness 9 till 6, Saturdays 1 o'clock. Apply by letter, giving details of experience and stating salary required, to Hospitals and General Contract Co., Ltd., 19/35 Mortimer Street, W.

ONDON, W.—An Assistant; capable Dispenser; outdoors. Apply W. F. Pasmore, 320 Regent Street, London, W. 1.

ONPON, W.—Wanted, an experienced Assistant for a busy Dispensing and Retail business; salary £3 108. weekly; outdoors. Apply "Ph.C." (135/40), Office of this Paper.

MANCHESTER.—A competent Assistant required, lady or gentleman, for the Dispensing Counter: one who has had experience in good-class business. State in full experience, age, and salary expected; no Insurance work or Sunday duty. Mottershead & Co., 7 Exchange Street, Manchester.

MOUNTAIN ASH.—Unqualified Assistant and a Junior or Improver wanted for a brisk Light Retail business, with N.H.I. Dispensing; outdoors; no Sunday duty. Jones, Chemist, 9 Oxford Street, Mountain Ash.

NEAR BIRMINGHAM.—Unqualified Assistant required for busy Betail and Dispensing (N.H.I.) business; permanent position, with progressive salary; applicants must either be discharged from Army or above military age. "B. H." (133/224), Office of this Paper.

NEAR CROYDON.—Wanted, smart Junior or Improver; knowledge of Photography preferred; comfortable berth to a good man who will take keen interest in business; I offer excellent prospects. Box 159/40, Office of this Paper.

WALES.—Assistant, either sex, wanted; outdoors; hours 9-7, one o'clock Wednesdays, Saturdays 9, no Sunday duty. Williams, Pharmaceutical Chemist, Maesteg.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SOUTHAMPTON.—Qualified lady Dispenser (outdoors) required at once. State age, experience, and salary required, Secretary, 35 Carlton Crescent, Southampton.

OUTHSEA.—Assistant (incligible) wanted immediately; chiefly for Dispensing, but with knowledge of Photography. Apply, stating salary required (indoors). references, etc., to Cruse & Co., Ltd., 63 Palmerston Road, Southsea.

VORK.—Competent Assistant required, lady or gentleman, with Dispensing and Counter experience; outdoors; qualification not essential. State in full age, experience, and salary required, John Saville & Sons, 4 Goodramgate? York.

VORKSHIRE.—A qualified Assistant, lady or gentleman, for Dispensing and Retail Counters; outdoors; short Fours. Salary required, particulars of experience, to 136/24, Office of this Paper.

A SSISTANT wanted; qualified preferred; cutdoors. Apply Russell Jacks, Pharmaccutical Chemist, 161 Gower Street, London, W.C. 1.

DISPENSER (lady) required for Romsley Hill Sanatorium; board, residence, and laundry found. Apply, stating age, full experience, and salary required, Honorary Sceretary, 45 Newhall Street, Birmingham.

JUNIOR Assistant, lady, unqualified, in good-class Light Retail and Dispensing business; easy hours; part day weekly in addition to usual half-holiday; no Sunday or night duty. Applicants should give full particulars, stating age and salary required, to Martyn's Stores, Ltd., 26 Queen Street, Wolverhampton.

ADY Pharmacist (with residence, board, and laundry) required early in November. Applications, stating age, salary, and qualifications, with copies of testimonials, to be sent at once to the Secretary, Victoria Hospital for Sick Children, Hull.

ADY Assistant required, accustomed to N.I. Dispensing and Counter work; short hours; liberal salary to capable person. Apply, stating experience, salary required, and references, to Taylors' (Northern), Ltd., 4 Crown Street, Halifax.

LADY Junior wanted; outdoors; lady Senior in charge. Apply Ellithorne, 26 Wellington Road, Oxton, Birkenhead.

LADY Assistant for Dispensing (outdoors) wanted at once; easy hours; must have had good experience; three lady Assistants kept. Hampton, Chemist, Gloucester.

LADY Assistant or Junior; one with some all-round experience for preferred; good-class business; hours easy. Full particulars, references, and photo if possible, T. L. Nicholls, Pharmacist, Duke Street, Chelmsford.

LADY Dispenser (Hall); experienced; hours 8.30 till 6, and 1 on Saturdays, no Sunday duty; near Regent Street. Apply 166/60, Office of this Paper.

IGHT DUTIES.—Principally for relief work; must be qualified (Minor), smart, reliable, and gentlemanly, good Salesman, with West-End and City experience, and well recommended by previous employers. Full particulars, references, to "Brentwood" (136/17), Office of this Paper.

MANAGER OR LOCUM; Major (all-round experience); N.H.I., Photography, &c., good address; tall, active, age 47. State salary, Walton Porter, 2 Bridge Street, Killarmarsh, near Sheffield.

MESSRS. ALLEN & LLOYD, 21 Station Road, Aldershot, require at once, for their Fleet branch, capable Assistant for Dispensing and Counter work; incligible or over military age. Apply, with full particulars and salary required, to above address.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

QUALIFIED elderly gentleman or lady Pharmacist required for good-class business; light Dispensing; easy hours, and duties very light. Send particulars to T. E. Williams, Ltd., Chemists, Caerphilly, near Cardiff. Comfortable berth offered to suitable applicant.

QUALIFIED lady Dispenser or discharged soldier required for N.H.I. and private dispensing, and to attend at Counter in spare time; good-class business. Apply, giving age, qualifications, and salary required (outdoors), together with copies of testimonials, to Richardson, Chemist, Dudley. Hours 9 to 8, Wednesday 1 p.m., no Sunday duty.

QUALIFIED Assistant as Dispenser in substantial Dispensing business; Hospital Dispensing part of the time; moderate hours, Sunday duty once in three weeks. State age and calary required, good references required, 135/16, Office of this Paper.

REQUIRED, unqualified Assistant for mixed country business; outdoors; easy hours, no Sunday duty; no N.H.I. Dispensing; good Counterman necessary. State age, salary, references, etc., W. J. Mousley, Chemist, Redditch.

REYNOLDS & BRANSON, LTD., Leeds, require a qualified lady Pharmacist for Dispensing and Letail department. Apply as above, giving full details of experience, salary required.

UNQUALIFIED Assistant required for South Coast up-to-date business; salary £3 per week and Counter commission; smart man can make 75s. to 80s.; permanency, with chance of promotion; must be good Salesman and Window-dresser. State when disengaged, height, photo, etc., to 132/59, Office of this Paper.

NQUALIFIED Assistant, age about 23 to 30, required at once; a discharged soldier will be welcomed. Apply, stating usual particulars, with photo, and state salary required, W. Finlayson, 141 High Street, Stockton-on-Tees.

WANTED at once (through death), an elderly qualified man to manage a Branch Business in country market town; turnover about £1,000; wage and commission (outdoors). Apply, with full particulars, to 124/21, Office of this Paper.

WANTED, unqualified Assistant (male or temale); Light Retail and Dispensing; easy hours and very comfortable berth. Kindly state age, salary required, and when at liberty, Massey, Chemist, Bolton.

### WHOLESALE.

A SSISTANT Stockkeeper, with knowledge of Patent Medicines, wanted by large Wholesale London house, giving full particulars, to 134/11, Office of this Paper.

CAPABLE Saleswoman required for Perfumery department; must have initiative for introducing Toilet requisites; permanency and good prospects for a suitable applicant. Jones & Higgins, Ltd., 1 to 23 Rye Lane, Peckham, S.E. 15.

CHEMIST.—Wanted, a Junior Chemist for London, with experience of Fine Chemicals and of general Analytical and Research work. Apply, with full particulars, to 166/45, Office of this Paper.

COSTING.—A well-known firm of Manufacturing Chemists and Druggists require a thoroughly competent lady or gentleman to commence a costing system for the Packed Drug Section of their business; knowledge of Drugs not absolutely essential. Apply by letter, giving full particulars, experience, and sulary required, to "N. O. W." (165/43), Office of this Paper.

CHEMIST, well up in Oils, Fats, and Organic Chemistry, required for Food Factory in South-West. Apply, stating age, qualifications, and experience, "Cathac" (163/2), Office of this Paper.

COUNTER REQUISITES AND TOILET SPECIALITIES.—
Required in packed goods department of large Manufacturing Chemists, a gentleman with experience of the requirements or Retail Chemists in Connter requisities to produce "Ab initio" attractive saleable articles, work out and rovise costs and other details in this connection; ample scope for initiative and diligence. Full particulars as to experience, age, salary required, to C. R., c/o Knapp, Drewett & Co., 16 Laurence Pountney Lane, E.C. 4.

JOHN RICHARDSON & CO., LTD., Leicester, require the services of a Chief Clerk for their Counting-house; must have a thorough general knowledge of the Drng Trade, and be able to undertake Costings and Estimates without supervision; permanency for suitable (ineligible) man. Apply by letter, glving experiences and stating salary.

LABORATORY Assistant wanted at once; energetic and resourceful, with knowledge of manufacturing Creams and Toilet preparations. Write past experience, age, and salary required to 16/30, Office of this Paper.

LADY Assistant required in Chemical Laboratory; some experience essential. Reply, stating salary required, to 131/23, Office, of this. Paper.

PROVINCIAL WHOLESALE:—Wet Room Assistant required; ineligible; good experience necessary, with general knowledge. All particulars to 133/34, Office of this Paper.

TOWN AND COUNTRY.—Traveller wanted for well-advertised Proprietary Medicine; good territory given; good remuneration on commission basis. Apply by letter, Box 700, c/o Pool's Advertising Offices, 180 Fleet Street, E.C. 4.

TRAVELLER with good connection wanted for Laneashire and Yorkshire and North of England East Coast, and Wales, to sell Toilet Preparations as a side line; good commission psid. Apply "L. M. C." (163/73), Office of this Paper.

TRAVELLERS calling upon Chemists wanted to take up the sale of a well-advertised Proprietary; 15% on first order, 10% on repeats obtained by him or sent direct to proprietors; references required; applicants must state ground covered. "H. L." (167/14), Office of this Paper.

TRUSS and Hosiery Fitter wanted. Apply 163/5, Office of this Paper.

WANTED; respectable Girl, about 16; light work; good wages. Apply Butler & Crispe, 82 Clerkenwell Road,

WANTED, two experienced Packers for the Drug Trade; must have good references and experience. Apply C. M., 50 Southwark Street, S.E. 1.

WANTED for London, Midlands, and North, Representatives to handle excellent. Winter Proprietary; will suit gentlemen already representing established firms to carry as side line; one Traveller in South earning £2 week-commission-steady. Apply 165/67, Office of this Paper.

WANTED, experienced man for the manufacturing of all classes of Toilet goods; must have a thorough knowledge of the trade; good salary and prospects. State fully past experience, etc., to 135/21, Office of this Paper.

WAREHOUSEMAN required, with experience of packing and despatching fine and heavy Chemicals, Stockkeeping, etc.; good wages, and permanency for suitable man over military age; London district. Particulars to 144/62, Office of this Paper.

### APPRENTICESHIPS.

A PPRENTICE or Improver, an opening for, either gentleman or lady. For particulars apply to Mr. Thresh, Pharmacist,

### SITUATIONS WANTED.

See Notice on Front Page of this Supplement.

13. for 12 words or less; 6d. for every 10 words or less beyond, prepaid

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

### [HOME.] RETAIL.

A DVERTISER, 30, discharged; free Mondays, Wednesdays, Fridays; energetic; experienced. Mention salary, etc., A. Scott, 204 Ebury Street, S.W.

A DVERTISER, 31, discharged; active, experienced, disengaged. Full particulars (outdoors), Statim, 35 Clifton Road, Maida

A FTERNOON post as Dispenser wanted; Doctor, Institution, or Chemist (no Counter); lady, Hall qualification; experienced. E. B., 140 Green Lanes, N. 16.

A S Branch Manager or other capacity; ineligible, active, experienced; good appearance and address; abstainer. "Chemist," 77 Monsall Street, Basford, Nottingham.

A S Manager or Managing Assistant; unqualified; 35; thoroughly experienced in all branches; good Counterman and Prescriber; permanency preferred in good-class business; distance no object. "Rhci," 3 Queen's Road, Aberystwyth.

A S Manager by qualified, elderly, active man; good references and all-round experience. Address "Pyro," 7 Vincent Terrace, Colebrooke Row, Islington, N. 1.

A SSISTANT; unqualified; ineligible; all round experience; good Salesman, Window dresser, N.H.I.; married; references; at liberty. "Drugs." 1 Lowwood Grove, Birkenhead.

A SSISTANT Manager, locum, single, unregistered, 20 years' first-class experience, disengaged. Forward, 104 Mansfield Road, Nottingham.

A SSISTANT (C3), 22, unqualified, desires berth Liverpool district; 7 years' general experience. Apply 133/18, (ffice of this Paper.

A SSISTANT; 29; ineligible; part-time locum; energetic; mention hours, etc.; disengaged. Alexander, 83 Portsdown Road, W. 9.

A SSISTANT, unqualified, over military age, all-round experience, disengaged; London, remunerative salary. Radix, 72 Tremadoc Road, Clapham, London, S.W.

A SSISTANT, unqualified, age 41, good all-round experience, free from military service, requires situation near Preston, Lancashire. Particulars, "Phial" (135/31), Office of this Paper.

A SSISTANT; 19; spent good Apprenticeship; rejected; provinces preferred. Howells, Cefnfarcken, Llanfalteg, Carmarthenshire.

BOURNEMOUTH.—Bookkeeper, Stookkeeper, and General Assistant by well experienced Wholesale man. Apply 135/7, Office of this Paper.

DISPENSER; over military age; Irish qualification; best Irish and Canadian experience. Apply 133/38, Office of this Paper.

DISPENSER (lady), Hall qualification, experienced, desires post with Doctor or Institution; provinces preferred. Apply 134/29, Office of this Paper.

ELDERLY qualified Manager disengaged; London district preferred. Chemist, 44 Strathnairn Street, Cardiff.

ELDERLY, qualified Assistant; Dispenser; permanency; single; active; disengaged; light duties; moderate hours. Apply 132/32, Office of this Paper.

CENTLEMAN desires situation, Manager or Assistant; qualified; 8 years' experience; ineligible; Welsh seaside town preferred. Mostyn, Borthyn, Ruthin, N. Wales.

IMMEDIATE.—Lady Dispenser (Hall) desires post, Doctor or Institution, in country town; short hours. Apply 16 York Road, Tunbridge Wells.

IMMEDIATE; Management, with N.H.1.; qualified; experienced; Western Counties preferred; 20 years' experience. Apply 134/17, Office of this Paper.

ADY Dispenser (Hall certificate) seeks post in London. Mrs. Andrews, 46 Dulwich Road, S.E. 24.

LADY Dispenser (qualified) desires re-engagement; good experience. W., Upwey Lodge, Upwey, Dorset.

ADY Dispenser (Hall), Trained Nurse, experienced, seeks post with Doctor; Portsmouth preferred. Apply 133/20, Office of this Paper.

LADY requires post; good Counter hand; experienced; unqualified. Apply 131/27, Office of this Paper.

ADY (Minor) seeks situation in Shop or Hospital; near Bournemouth preferred; some shop experience. M.P.S., Sycamore Cottage, Cranleigh Road, Southbourne-on-Sea.

TADY (capable) wants four hours' work daily except Saturday; N.I. Dispensing. Miss "B.," 17a Charleville Road, W. Kensington.

LADY Dispenser, part Hall qualified, Hospital experience, wants post beginning of November; Doctor or Institution. Webster, Brunswick House Clifton Gardens, Maida Vale.

LADY Dispenser, Hall qualification, two years' high-class West End experience, desires engagement; Hospital or public Dispensary preferred. Apply 133/2, Office of this Paper.

LADY, Hall qualification, registered student, Counter and Dispensing experience, desires post. Apply 155/4, Office or this Paper.

LADY Dispenser (part Hall), qualified (practical and Chemistry) desires post in or near Croydon; some experience; excellent reference. 26 The Waldrons S. Croydon.

ADY Dispenser, qualified, two years' experience Doctor and Institution, desires post. J. Ross, 111 Truro Road, Wood Green, N. 22.

LADY Dispenser, part Hall, qualified, some experience, requires post in Woolwich or S.E. district, for afternoons and evenings. Apply 135/8, Office of this Paper.

LADY Dispenser (Hall) desires first post; trained Nurse; C.M.B. (E.,") 9-11 Colosseum Terrace, Albany Street, Regent's Park, N.W.

ADY desires post in a Pharmacy; some Retail experience; good Photographic; not London or East Coast. "A.," The Grange, Cherryhinton, Cambridge.

ADY Dispenser (Holl), well recommended, seeks post with Doctor; Institution, or part-time Bookkeeping; North London district; perfect French Bailey, 55 Holdenhurst Avenue, N. Finchley.

LOCUM; reliable. Address "M.P.S.," c/o John Thompson, Ltd., Hanover Street, Liverpool.

LOCUM or part-time; City or West-End preferred; qualified; 41; C3; at liberty. Apply 135/32, Office of this Paper.

MANAGER or Assistant; unqualified; first-class experience as Counterman, Dispenser, and Prescriber; married; no family; tall; middle-aged. Chemist, 54 Other Road, Redditch.

MANAGER, Senior, Locum, 5 ft. 8 in., Major, 48, disengaged; references; experienced; outdoors. T., 51 Mimosa Street, Fulham Road, Fulham, S.W. 6.

MANAGER or Assistant; tall; married; 20 years' all-round experience; unqualified; highest references. Apply Cox, Church House, Castleacre, Swaffham, Norfolk.

MANAGER or Senior, married, age 41, disengaged in about three weeks; with or without view to succession, Apply "Experience" (134/36), Office of this Paper.

MANAGEMENT; purchase or interest; thoroughly energetic Counterman and Prescriber; aged 46; highly recommended; unqualified; London or near. "C." (134/21), Office of this Paper.

MANCHESTER:—Qualified Chemist requires position as Manager; view proprietorship, or temporary engagement would be accepted; good all-round experience; exempted; disengaged October 29th. "Radix," 62 Heywood Street, Cheetham, Manchester.

DART-TIME or easy hours; Assistant; C3: Counter, Dispensing; experienced; disengaged; London district. "Women" (134/5), Office of this Paper.

PHARMACIST, 45, ceeks berth; Liverpool neighbourhood; varied experience; reasonable salary; disengaged. Apply 135/19, Office of this Paper.

DHARMACIST; Mauager; London or suburbs; resident or non-\* resident; successful business man. Apply 134/59, Office of this Paper.

PHARMACIST (retired), over military age, open to temporary, emergency, or "locum"; London or near; thoroughly reliable and experienced, Apply 135/15, Office of this Paper.

QUALIFIED, exempt, young, disengaged; as Manager or Senior. Smith, Stone Street, Oldbury.

QUALIFIED, exempt, seeks remunerative permanency in Midlands. "Troy" (131/17), Office of this Paper.

QUALIFIED Chemist, 46 (married), desires temporary post in a good-class business; disengaged now; experienced; state salary and hours. Apply "Statim" (133/16), Office of this Paper.

QUALIFIED, C3, married, tall, gentlemanly, ideas, initiative, influential Salesmanship, shortly requires post; permanency, if pay prospects good; Photographics good. Apply 122/29, Office of this Paper.

QUALIFIED, 50, abstainer, excellent experience and references, disengaged daily after four. Apply 135/17, Office of this Paper.

QUALIFIED lady desires post with Chemist or Institution in or near Birmingham; Hospital and Retail experience. "Pharmacist," c/o 72 Green Lanes, Erdington.

QUALIFIED, 32, married, B3, desires Managership; 10 years' good London experience; West-End and suburbs; free December 1st; please state terms. Apply 134/20, Office of this Paper.

TOWN, country, unqualified, 49, disengaged. "Rhei," 37 Upper Kennington Lane, London, S.E.

QUALIFIED Manager seeks re-engagement shortly; over mill-tary age; preferably to live over; married; state salary and hours; conversant in European languages and the different Pharmacopæias. "Zereuta" (135/5), Office of this Paper.

UNQUALIFIED, 55, married, active, reliable, useful all-round experience, 10 years away from trade, desires situation with Doctor or Chemist; Devon or Cornwall preferred. State salary: Apply 127/30, Office of this Paper.

UNQUALIFIED, ineligible, disengaged shortly; Dispensing Counter, Extractor; town and country experience; Midlands preferred. "Lysol" (133/10), Office of this Paper.

UNQUALIFIED desires post as Manager of Drug Store or small Branch Shop; discharged from Army; first-class experience; North preferred. Apply 135/33, Office of this Paper.

VACANCY wanted for Apprentice; Londou. Palmer, Romney House, Adelaide Load, Ashford, Middlesex.

YOUNG lady, Hall certificate, 2 years' experience with Chemist, desires post. State full particulars, Miss Kerridge, "Haslemere," Cavendish Road, Merton, S.W. 19.

YOUTH, age 16, well educated Chemist's son; in good-class country business; indoors. Terms to "Youth" (134/18), Office of this Paper.

### WHOLESALE.

PRENCH Pharmacist, qualified, Analytical, Bacteriological, and Urological Chemist, speaking three languages, six years' London and West-End experience, seeks situation in Retail, Wholesale, or Manufacturing business. "A. G. B.," 1 Crawshay Road, Brixton, London, S.W. 9.

I IVE Representative, with sound connection, seeks additional prietary article. Apply "Manchester" (135/4), Office of this Paper.

TO ANY MANUFACTURING OR WHOLESALE CHEMICAL CONCERN in need of a reliable MANAGER or ASSISTANT MANAGER in their BUYING and SELLING or EXPORT DEPARTMENTS my qualifications will appeal; several years' experience of the Drug and Chemical Trade, technical knowledge, good connections at home and abroad; exceptional facilities for Itussian business; first-class references. Address 165/17, Office of this Paper.

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RNGLISH Chemist, qualified, fluent French and Italian, firstclass Continental experience, including three years' Managership, seeks berth in Switzerland. Write 110/17, Office of this

### MISCELLANEOUS.

See Notice on Front Page of this Supplement.

SEVERAL gross of W.O.W. Bandages to clear; each Bandages paper wrapped (6 yards); 1", 6s.; 1½", 8s. 6d.; 2", 11s.; 2½", 13s. 6d.; 3", 16s.; all per gross; sample for 2d. etamps. Chemists' Surplus Stocks purchased for eash. Offers invited. Apply 135/3, Office of this Paper.

MCADAM & TUCKNISS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. Established 1898. Telephone: 81 Lee Green.
Shares for Sale (free of commission, subject).—40 Allenbury B 6% Preference, 19s. 9d.; 80 Pears Soap Preferred, 38s. 5d.; 100 Lever Bros. 6½% Preference, 21s. 1½d.; 50 Farrows Bank, 10s. paid, 8s. 10½d.; 100 W. B. Fordham, 10s. 3d.; 150 Lewis & Burrows 6% Preference, 13s. 9d. c.d.; 300 Magadi Soda Deferred, 5s. ½d.; 100 Molassive 7% Preference, 16s.; 40 Wickens Pease, 21s. 3d.; 160 Yeatman Ordinary, 7s. 1½d.; 50 Wright, Layman & Umney Preference, 19s. 7½d.

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For the terms upon which announcements are inserted herein see Supplement for September 1, p. xxxvi.

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Colgate's shaving - sticks (166/16)ycloform (166/16) Eugallol (166/16)

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### FOR DISPOSAL.

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### DRUGS AND CHEMICALS.

TANAPHOS; all sizes; what offers? Pater, Broomhill, Sheffield.

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### MISCELLANEOUS.

WHAT Offers for 2 owt. 7" sticks Sealing Wax? Thomas Horton, Merthyr.

1½ GROSS plain Cardboard Boxes; size 6½ by 10, 1-½ dept. Leach, 40 Carlton Grove, Peckham, London, S.E.

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SHAVING Stick Tubes; state size and quantity. Apply 164/70, Office of this Paper.

WANTED, copy of the P.J.F!, 1907 edition. Wigglesworth, Ltd., Westhoughton, Lancs.

SACCHARIN, guaranteed 550 strength, wanted Offers to Lloyd, 323 Coventry Road, Birmingham

WANTED, Drug Drawers, Fittings, Bottles, etc., for small shop. Coleman, 51 Cauldwell Street, Bedford.

PILL Machine, 3 and 5 grain, wanted; must be in good condition. State price, Restall, West Heath, Northfield.

WANTED, "Pharmaceutical Journal" Formule Book; state lowest price. Apply 163/36, Office of this Paper.
WANTED, "Chemist and Druggist" for April 30, 1898. Send

WANTED, "Chemist and Druggist" for April 30, 1898. Send with price to "S. B." (15/15), Office of this Γaper.

WANTED, Safranin and yellow shade Eosine (pre-war). Quote quantity and price to 162/19, Office of this Paper.

SMALL Copper Still and Condenser required; capacity about 10 gallons. Send offers, 165/65, Office of this Paper.

ROBERTS' Filling Machine; any condition; reasonable. Full particulars and price to Jacksons, Mineral Water Engineers, Pownall Square, Liverpool.

WANTED, email enterprise Drug Mill; state lowest price for cash. County Chemical Co., Ltd., Bradford Street, Birmingham.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

DENTAL.—Wanted (at once), set of good second-hand Forceps, Impression Trays, Filling Instruments, Hypodermine, etc., for eash. Apply 162/6, Office of this Paper.

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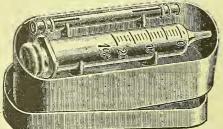
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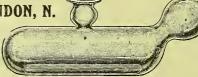
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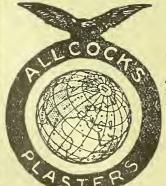
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